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GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND, U.S.A. 20771

# SATELLITE SITUATION REPORT

VOLUME 31, NUMBER 1 MARCH 31, 1991

SATELLITE SITUATION REPORT
VOLUME 31 NO. 1
A/O 2400Z ON MARCH 31, 1991

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NASA/GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND, U.S.A. 20771

SPACE OBJECTS BOX SCORE

| | OBJECTS IN ORBIT | | | DECAYED OBJECTS | | |
|---|---|---|---|---|---|---|
| | PAYLOAD | DEBRIS | TOTAL | PAYLOAD | DEBRIS | TOTAL |
| ARGENTINA | 1 | 0 | 1 | 0 | 0 | 0 |
| AUSTRALIA | 4 | 0 | 4 | 1 | 0 | 1 |
| BRAZIL | 3 | 0 | 3 | 0 | 0 | 0 |
| CANADA | 14 | 0 | 14 | 0 | 0 | 0 |
| CZECH | 0 | 0 | 0 | 1 | 0 | 1 |
| ESA | 21 | 153 | 174 | 3 | 412 | 415 |
| ESRO | 0 | 0 | 0 | 7 | 3 | 10 |
| FRANCE | 15 | 20 | 35 | 7 | 54 | 61 |
| FRANCE/FRG | 2 | 0 | 2 | 0 | 0 | 0 |
| FRG | 10 | 1 | 11 | 4 | 5 | 9 |
| INDIA | 8 | 0 | 8 | 4 | 7 | 11 |
| INDONESIA | 5 | 0 | 5 | 1 | 1 | 2 |
| INTERNATIONAL TELECOM-MUNICATIONS SATELLITE ORGANIZATION (ITSO) | 39 | 0 | 39 | 1 | 0 | 1 |
| ISRAEL | 0 | 0 | 0 | 2 | 2 | 4 |
| ITALY | 2 | 0 | 2 | 5 | 0 | 5 |
| JAPAN | 44 | 48 | 92 | 7 | 59 | 66 |
| LUXEMBOURG | 2 | 0 | 2 | 0 | 0 | 0 |
| MEXICO | 2 | 0 | 2 | 0 | 0 | 0 |
| NATO | 7 | 2 | 9 | 0 | 0 | 0 |
| NETHERLANDS | 0 | 0 | 0 | 1 | 3 | 4 |
| PAKISTAN | 0 | 0 | 0 | 1 | 0 | 1 |
| PRC | 10 | 79 | 89 | 20 | 57 | 77 |
| SAUDI ARABIA | 2 | 0 | 2 | 0 | 0 | 0 |
| SPAIN | 1 | 0 | 1 | 0 | 0 | 0 |
| SWEDEN | 2 | 0 | 2 | 0 | 0 | 0 |
| UK | 16 | 2 | 18 | 8 | 3 | 11 |
| US | 575 | 2469 | 3044 | 602 | 2641 | 3243 |
| USSR | 1194 | 2060 | 3254 | 1492 | 9005 | 10495 |
| COLUMN | 1980 | 4834 | 6814 | 2167 | 12250 | 14417 |
| SUM TOTAL | | | | | | 21231 |

# OBJECTS IN ORBIT

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1958 LAUNCHES | | | | | | | | | | |
| BETA 1 | | 15 | US | 17 MAR | 137.8 | 34.3 | 4266 | 653 | | |
| BETA 2 | VANGUARD 1 | 5 | US | 17 MAR | 133.3 | 34.3 | 3878 | 653 | | |
| BETA 3 | | 1376 | US | 17 MAR | 127.6 | 34.2 | 3394 | 637 | | |
| 1959 LAUNCHES | | | | | | | | | | |
| ALPHA 1 | VANGUARD 2 | 11 | US | 17 FEB | 123.1 | 32.9 | 3080 | 558 | | |
| ALPHA 2 | | 12 | US | 17 FEB | 127.4 | 32.9 | 3463 | 553 | | |
| ETA 1 | VANGUARD 3 | 20 | US | 18 SEP | 126.7 | 33.4 | 3447 | 512 | | |
| IOTA 1 | EXPLORER 7 | 22 | US | 13 OCT | 99.0 | 50.3 | 891 | 529 | | |
| MU 1 | LUNA 1 | 112 | USSR | 2 JAN | HELIOCENTRIC ORBIT | | | | | |
| NU 1 | PIONEER 4 | 113 | US | 3 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1960 LAUNCHES | | | | | | | | | | |
| ALPHA 1 | PIONEER 5 | 27 | US | 11 MAR | HELIOCENTRIC ORBIT | | | | | |
| BETA 1 | | 28 | US | 1 APR | 93.2 | 48.4 | 437 | 423 | | |
| BETA 2 | TIROS 1 | 29 | US | 1 APR | 98.4 | 48.4 | 703 | 662 | | |
| BETA 4 | | 115 | US | 1 APR | 98.7 | 48.2 | 733 | 655 | | |
| ETA 1 | TRANSIT 2A | 45 | US | 22 JUN | 100.9 | 66.7 | 997 | 606 | | |
| ETA 2 | GREB | 46 | US | 22 JUN | 100.4 | 66.7 | 951 | 599 | | |
| ETA 3 | | 47 | US | 22 JUN | 100.5 | 66.7 | 963 | 601 | | |
| ETA 4 | | 840 | US | 22 JUN | 98.6 | 66.7 | 818 | 564 | | |
| ETA 5 | | 841 | US | 22 JUN | 98.5 | 66.7 | 809 | 559 | | |
| IOTA 2 | | 50 | US | 12 AUG | 118.1 | 47.2 | 1685 | 1502 | | |
| IOTA 3 | | 51 | US | 12 AUG | 118.2 | 47.2 | 1688 | 1516 | | |
| IOTA 4 | | 52 | US | 12 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| IOTA 5 | | 53 | US | 12 AUG | 118.4 | 47.3 | 1686 | 1530 | | |
| NU 1 | COURIER 1B | 58 | US | 4 OCT | 107.1 | 28.3 | 1215 | 966 | | |
| NU 2 | | 59 | US | 4 OCT | 106.6 | 28.3 | 1209 | 926 | | |
| KI 1 | EXPLORER 8 | 60 | US | 3 NOV | 103.8 | 49.9 | 1476 | 399 | | |
| PI 1 | TIROS 2 | 63 | US | 23 NOV | 96.7 | 48.5 | 633 | 562 | | |
| PI 3 | | 5922 | US | 23 NOV | 105.2 | 47.0 | 1036 | 975 | | |
| 1961 LAUNCHES | | | | | | | | | | |
| APSI 5 | | 19436 | US | 18 SEP | 94.8 | 59.3 | 511 | 502 | | |
| GAMMA 1 | VENERA 1 | 80 | USSR | 12 FEB | HELIOCENTRIC ORBIT | | | | | |
| DELTA 2 | | 82 | US | 16 FEB | 117.9 | 39.9 | 2534 | 636 | | |
| DELTA 3 | | 85 | US | 16 FEB | 109.5 | 38.8 | 1822 | 582 | | |
| DELTA 6 | | 3927 | US | 16 FEB | 111.1 | 38.9 | 1946 | 612 | | |
| DELTA 7 | | 4026 | US | 16 FEB | 111.4 | 38.8 | 1979 | 601 | | |
| NU 1 | EXPLORER 11 | 107 | US | 27 APR | 104.9 | 28.8 | 1501 | 480 | | |
| NU 2 | | 3739 | US | 27 APR | 90.6 | 28.8 | 334 | 273 | | |
| OMICRON 1 | TRANSIT 4A | 116 | US | 29 JUN | 103.6 | 66.8 | 988 | 866 | | |
| OMICRON 2 | INJUN-GR-3 | 117 | US | 29 JUN | 103.7 | 66.8 | 993 | 869 | | |
| OMICRON 3 - | 297 | | US | 29 JUN | SEE NOTE 1* | | | | | 1* |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1961 LAUNCHES (CONT.) | | | | | | | | | | |
| OMICRON 23 | | 138 | US | 29 JUN | 103.4 | 67.2 | 943 | 895 | | |
| OMICRON 39 | | 154 | US | 29 JUN | 103.0 | 66.7 | 962 | 833 | | |
| RHO 1 | TIROS 3 | 152 | US | 12 JUL | 100.0 | 47.9 | 794 | 725 | | |
| RHO 2 | | 155 | US | 12 JUL | 98.5 | 47.9 | 711 | 664 | | |
| RHO 3 | | 165 | US | 12 JUL | 94.6 | 47.9 | 527 | 469 | | |
| RHO 4 | | 167 | US | 12 JUL | 101.6 | 47.9 | 906 | 759 | | |
| SIGMA 1 | MIDAS 3 | 163 | US | 12 JUL | 161.4 | 91.2 | 3539 | 3344 | | |
| SIGMA 3 | | 183 | US | 12 JUL | 161.1 | 91.2 | 3534 | 3321 | | |
| SIGMA 4 | | 196 | US | 12 JUL | 161.8 | 91.2 | 3569 | 3347 | | |
| A DELTA 1 | MIDAS 4 | 192 | US | 21 OCT | 165.9 | 95.9 | 3762 | 3483 | | |
| A DELTA 3 | | 194 | US | 21 OCT | 165.5 | 95.9 | 3842 | 3370 | | |
| A DELTA 4 | | 195 | US | 21 OCT | 166.3 | 95.9 | 3880 | 3397 | | |
| A DELTA 5 | | 2099 | US | 21 OCT | 165.7 | 95.9 | 3732 | 3494 | | |
| A DELTA 6 | | 2371 | US | 21 OCT | 165.2 | 95.9 | 4737 | 2454 | | |
| A ETA 1 | TRANSIT 4B | 202 | US | 15 NOV | 105.8 | 32.4 | 1105 | 954 | | |
| A ETA 2 | TRAAC | 205 | US | 15 NOV | 105.8 | 32.4 | 1108 | 956 | | |
| A ETA 3 | | 204 | US | 15 NOV | 105.6 | 32.4 | 1097 | 950 | | |
| A ETA 4 | | 10795 | US | 15 NOV | 105.8 | 32.4 | 1106 | 955 | | |
| 1962 LAUNCHES | | | | | | | | | | |
| ALPHA 1 | RANGER 3 | 221 | US | 26 JAN | HELIOCENTRIC ORBIT | | | | | |
| ALPHA 2 | | 222 | US | 26 JAN | HELIOCENTRIC ORBIT | | | | | |
| BETA 1 | TIROS 4 | 226 | US | 8 FEB | 100.0 | 48.3 | 816 | 696 | | |
| BETA 2 | | 227 | US | 8 FEB | 100.7 | 48.2 | 896 | 685 | | |
| BETA 3 | | 228 | US | 8 FEB | 98.1 | 48.5 | 689 | 646 | | |
| BETA 4 | | 229 | US | 8 FEB | 98.0 | 48.3 | 698 | 628 | | |
| KAPPA 1 | | 271 | US | 9 APR | 152.9 | 86.7 | 3408 | 2780 | | |
| KAPPA 3 | | 273 | US | 9 APR | 152.5 | 86.7 | 3371 | 2785 | | |
| KAPPA 4 | | 274 | US | 9 APR | 153.3 | 86.7 | 3449 | 2766 | | |
| MU 2 | | 282 | US | 23 APR | HELIOCENTRIC ORBIT | | | | | |
| A ALPHA 1 | TIROS 5 | 309 | US | 19 JUN | 99.6 | 58.1 | 898 | 577 | | |
| A ALPHA 2 | | 311 | US | 19 JUN | 90.7 | 58.0 | 313 | 299 | | |
| A ALPHA 3 | | 312 | US | 19 JUN | 100.3 | 58.2 | 963 | 581 | | |
| A ALPHA 4 | | 313 | US | 19 JUN | 94.2 | 58.0 | 517 | 446 | | |
| A EPSILON 1 | TELSTAR 1 | 340 | US | 10 JUL | 157.8 | 44.8 | 5640 | 949 | | |
| A EPSILON 2 | | 341 | US | 10 JUL | 157.6 | 44.8 | 5624 | 948 | | |
| A OMICRON 1 | | 369 | US | 23 AUG | 98.3 | 98.4 | 768 | 585 | | |
| A OMICRON 3 | | 378 | US | 23 AUG | 95.9 | 98.5 | 620 | 504 | | |
| A OMICRON 4 | | 388 | US | 23 AUG | 96.3 | 98.5 | 635 | 527 | | |
| A RHO 1 | MARINER 2 | 374 | US | 27 AUG | HELIOCENTRIC ORBIT | | | | | |
| A RHO 2 | | 376 | US | 27 AUG | HELIOCENTRIC ORBIT | | | | | |
| A PSI 1 | TIROS 6 | 397 | US | 18 SEP | 97.8 | 58.3 | 658 | 645 | | |
| A PSI 3 | | 399 | US | 18 SEP | 97.7 | 58.4 | 681 | 618 | | |
| B ALPHA 1 | ALOUETTE 1 | 424 | CANADA | 29 SEP | 105.2 | 80.5 | 1021 | 989 | | |
| B ALPHA 2 | | 426 | US | 29 SEP | 105.2 | 80.5 | 1018 | 993 | | |
| B ALPHA 3 | | 510 | US | 29 SEP | 105.2 | 80.5 | 1013 | 991 | | |
| B ALPHA 4 | | 511 | US | 29 SEP | 105.3 | 80.4 | 1030 | 984 | | |
| B ETA 1 | RANGER 5 | 439 | US | 18 OCT | HELIOCENTRIC ORBIT | | | | | |
| B ETA 2 | | 440 | US | 18 OCT | HELIOCENTRIC ORBIT | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1962 LAUNCHES (CONT.) | | | | | | | | | | |
| 5 MU 1 | ANNA 1B | 446 | US | 31 OCT | 107.9 | 50.2 | 1181 | 1076 | | |
| 5 MU 2 | | 447 | US | 31 OCT | 107.6 | 50.1 | 1164 | 1065 | | |
| 5 NU 3 | | 450 | USSR | 1 NOV | HELIOCENTRIC ORBIT | | | | | |
| 8 UPSILON 1 | RELAY 1 | 503 | US | 13 DEC | 185.1 | 47.5 | 7429 | 1330 | | |
| 8 UPSILON 2 | | 515 | US | 13 DEC | 184.8 | 47.5 | 7410 | 1330 | | |
| 8 CHI 1 | EXPLORER 18 | 506 | US | 16 DEC | 104.1 | 52.0 | 1161 | 746 | | |
| 1963 LAUNCHES | | | | | | | | | | |
| 1963 004A | SYNCOM 1 | 553 | US | 14 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1963 008B | LUNA 4 | 556 | USSR | 2 APR | BARYCENTRIC ORBIT | | | | | |
| 1963 013A | TELSTAR 2 | 573 | US | 7 MAY | 225.3 | 42.8 | 10797 | 977 | | |
| 1963 013C | | 575 | US | 7 MAY | 225.0 | 42.8 | 10781 | 973 | | |
| 1963 014A | | 574 | US | 9 MAY | 166.4 | 87.4 | 3691 | 3602 | | |
| 1963 014B | ERS 5 | 579 | US | 9 MAY | 165.2 | 87.3 | 4896 | 2291 | | |
| 1963 014C | ERS 6 | 608 | US | 9 MAY | 166.4 | 87.4 | 3731 | 3552 | | |
| 1963 014D - 014FE | | | US | 9 MAY | SEE NOTE 2* | | | | | 2* |
| 1963 014FA | | 20033 | US | 9 MAY | 163.0 | 85.3 | 5988 | 1028 | | |
| 1963 022B | | 603 | US | 16 JUN | 96.9 | 89.8 | 618 | 605 | | |
| 1963 022C | | 610 | US | 16 JUN | 95.7 | 90.1 | 571 | 537 | | |
| 1963 024A | TIROS 7 | 604 | US | 19 JUN | 94.5 | 58.2 | 498 | 486 | | |
| 1963 025B | | 614 | US | 27 JUN | 116.6 | 82.1 | 2725 | 327 | | |
| 1963 030A | ERS 10 | 622 | US | 18 JUL | 167.8 | 88.4 | 3722 | 3675 | | |
| 1963 030B | ERS 9 | 635 | US | 18 JUL | 167.8 | 88.5 | 3720 | 3677 | | |
| 1963 030C | | 630 | US | 18 JUL | 167.4 | 88.4 | 3746 | 3622 | | |
| 1963 030E | | 631 | US | 18 JUL | 168.2 | 88.5 | 3772 | 3659 | | |
| 1963 030F | | 3121 | US | 18 JUL | 167.8 | 88.4 | 3729 | 3667 | | |
| 1963 030G | | 3132 | US | 18 JUL | 167.8 | 88.4 | 3751 | 3648 | | |
| 1963 030H | | 20153 | US | 18 JUL | 162.1 | 88.7 | 5768 | 1168 | | |
| 1963 031A | SYNCOM 2 | 634 | US | 26 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1963 038A | | 669 | US | 28 SEP | 107.0 | 89.9 | 1104 | 1068 | | |
| 1963 038D | | 670 | US | 28 SEP | 107.2 | 89.9 | 1127 | 1062 | | |
| 1963 038C | SN 37 | 671 | US | 28 SEP | 107.1 | 89.9 | 1125 | 1061 | | |
| 1963 038D | | 672 | US | 28 SEP | 106.3 | 89.9 | 1080 | 1029 | | |
| 1963 038E | | 745 | US | 28 SEP | 106.6 | 89.9 | 1084 | 1052 | | |
| 1963 038F | | 2097 | US | 28 SEP | 106.4 | 89.9 | 1085 | 1030 | | |
| 1963 038G | | 3156 | US | 28 SEP | 107.1 | 89.9 | 1127 | 1061 | | |
| 1963 038K | | 12943 | US | 28 SEP | 104.7 | 89.9 | 1080 | 877 | | |
| 1963 038K | | 20470 | US | 28 SEP | 106.5 | 89.9 | 1084 | 1046 | | |
| 1963 039A | | 674 | US | 17 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1963 039C | | 692 | US | 17 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1963 047A | CENTAUR 2 | 694 | US | 27 NOV | 105.0 | 30.4 | 1519 | 471 | | |
| 1963 047B - 047U | | | US | 27 NOV | SEE NOTE 3* | | | | | 3* |
| 1963 049A | | 703 | US | 5 DEC | 106.7 | 90.1 | 1084 | 1060 | | |
| 1963 049B | | 704 | US | 5 DEC | 106.9 | 90.1 | 1116 | 1053 | | |
| 1963 049C | | 705 | US | 5 DEC | 106.9 | 90.1 | 1112 | 1055 | | |
| 1963 049D | | 706 | US | 5 DEC | 106.5 | 90.1 | 1090 | 1043 | | |
| 1963 049E | | 715 | US | 5 DEC | 105.9 | 90.0 | 1053 | 1020 | | |
| 1963 049F | | 753 | US | 5 DEC | 106.6 | 90.0 | 1098 | 1043 | | |
| 1963 049G | | 2432 | US | 5 DEC | 106.9 | 90.1 | 1111 | 1054 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1963 LAUNCHES (CONT.) | | | | | | | | | | |
| 1963 049H | | 2629 | US | 5 DEC | 106.3 | 90.0 | 1065 | 1044 | | |
| 1963 053G | | 721 | US | 19 DEC | 115.2 | 78.6 | 2333 | 599 | | |
| 1963 053C | | 720 | US | 19 DEC | 111.0 | 78.7 | 1893 | 647 | | |
| 1963 053F | | 724 | US | 19 DEC | 110.0 | 78.6 | 1844 | 608 | | |
| 1963 053G | | 726 | US | 19 DEC | 107.3 | 78.6 | 1605 | 594 | | |
| 1963 053H | | 732 | US | 19 DEC | 110.8 | 78.6 | 1892 | 633 | | |
| 1963 053J | | 3755 | US | 19 DEC | 109.1 | 78.6 | 1753 | 616 | | |
| 1963 053K | | 17665 | US | 19 DEC | 111.3 | 79.7 | 1917 | 655 | | |
| 1963 054A | TIROS 8 | 715 | US | 21 DEC | 98.6 | 58.5 | 711 | 673 | | |
| 1963 054C | | 730 | US | 21 DEC | 100.2 | 58.5 | 858 | 679 | | |
| 1963 054F | | 19395 | US | 21 DEC | 98.3 | 58.5 | 707 | 648 | | |
| 1964 LAUNCHES | | | | | | | | | | |
| 1964 001A | | 727 | US | 11 JAN | 103.3 | 69.9 | 923 | 902 | | |
| 1964 001B | GRAVITY GRADIENT 1 | 728 | US | 11 JAN | 103.2 | 69.9 | 920 | 898 | | |
| 1964 001C | SECOR (GSMS) 1 | 729 | US | 11 JAN | 103.3 | 69.9 | 924 | 902 | | |
| 1964 001D | SOLRAD 7A | 730 | US | 11 JAN | 103.3 | 69.9 | 923 | 901 | | |
| 1964 001E | SRES | 731 | US | 11 JAN | 103.2 | 69.9 | 922 | 901 | | |
| 1964 002A | | 733 | US | 19 JAN | 100.8 | 99.1 | 821 | 771 | | |
| 1964 002B | | 734 | US | 19 JAN | 100.9 | 99.1 | 812 | 791 | | |
| 1964 002C | | 735 | US | 19 JAN | 101.0 | 99.1 | 817 | 792 | | |
| 1964 003A | RELAY 2 | 737 | US | 21 JAN | 194.7 | 45.4 | 7528 | 1973 | | |
| 1964 003B | | 738 | US | 21 JAN | 194.8 | 46.4 | 7535 | 1971 | | |
| 1964 004B | | 741 | US | 25 JAN | 108.8 | 81.5 | 1300 | 1039 | | |
| 1964 004C | | 742 | US | 25 JAN | 108.6 | 81.5 | 1297 | 1031 | | |
| 1964 004D | | 743 | US | 25 JAN | 108.6 | 81.5 | 1297 | 1028 | | |
| 1964 006A | ELEKTRON 1 | 745 | USSR | 30 JAN | 163.4 | 60.9 | 6632 | 413 | | |
| 1964 006B | ELEKTRON 2 | 748 | USSR | 30 JAN | 1356.4 | 62.6 | 59306 | 9116 | | |
| 1964 006C - 006AD | | | USSR | 30 JAN | SEE NOTE | 4* | | | | 4* |
| 1964 016D | ZOND 1 | 765 | USSR | 2 APR | HELIOCENTRIC ORBIT | | | | | |
| 1964 026A | | 801 | US | 4 JUN | 102.3 | 90.5 | 905 | 829 | | |
| 1964 026B | | 805 | US | 4 JUN | 102.3 | 89.9 | 897 | 838 | | |
| 1964 026C | | 806 | US | 4 JUN | 99.6 | 90.8 | 783 | 694 | | |
| 1964 026D | | 809 | US | 4 JUN | 102.6 | 90.5 | 920 | 839 | | |
| 1964 026E | | 2986 | US | 4 JUN | 102.7 | 90.5 | 925 | 842 | | |
| 1964 031A | | 812 | US | 18 JUN | 101.3 | 99.8 | 822 | 813 | | |
| 1964 031B | | 813 | US | 18 JUN | 101.3 | 99.8 | 824 | 815 | | |
| 1964 031C | | 815 | US | 19 JUN | 101.1 | 99.9 | 819 | 802 | | |
| 1964 038A | ELEKTRON 3 | 829 | USSR | 10 JUL | 161.8 | 60.8 | 6508 | 407 | | |
| 1964 038C | | 831 | USSR | 10 JUL | 141.1 | 60.8 | 4801 | 398 | | |
| 1964 040A | | 836 | US | 17 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1964 040B | | 837 | US | 17 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1964 041B | | 843 | US | 28 JUL | BARYCENTRIC ORBIT | | | | | |
| 1964 047A | SYNCOM 3 | 858 | US | 19 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1964 047B | | 862 | US | 19 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1964 049D | COSMOS 41 | 869 | USSR | 22 AUG | 714.5 | 71.0 | 38229 | 1962 | | |
| 1964 049E | | 878 | USSR | 22 AUG | 717.4 | 71.0 | 38394 | 1940 | | |
| 1964 049F | | 13091 | USSR | 22 AUG | 714.4 | 71.1 | 37879 | 2307 | | |
| 1964 051A | EXPLORER 20 | 870 | US | 25 AUG | 103.6 | 79.9 | 1003 | 856 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1964 LAUNCHES (CONT.) | | | | | | | | | | |
| 1964 051B | | 871 | US | 25 AUG | 103.3 | 79.9 | 981 | 845 | | |
| 1964 053A | COSMOS 44 | 876 | USSR | 28 AUG | 98.8 | 65.1 | 819 | 581 | | |
| 1964 053B | | 877 | USSR | 28 AUG | 99.0 | 65.1 | 776 | 649 | | |
| 1964 053C | | 21126 | USSR | 28 AUG | 99.0 | 65.1 | 775 | 648 | | |
| 1964 054A | OGO 1 | 879 | US | 5 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1964 063A | NNSS 30010 | 893 | US | 6 OCT | 106.2 | 90.1 | 1067 | 1031 | | |
| 1964 063B | | 897 | US | 6 OCT | 106.4 | 90.1 | 1074 | 1046 | | |
| 1964 063C | | 900 | US | 6 OCT | 105.6 | 90.0 | 1038 | 1006 | | |
| 1964 063D | | 901 | US | 6 OCT | 106.4 | 90.1 | 1071 | 1045 | | |
| 1964 063E | | 902 | US | 6 OCT | 106.5 | 90.1 | 1075 | 1048 | | |
| 1964 063F | | 903 | US | 6 OCT | 105.5 | 90.0 | 1032 | 1003 | | |
| 1964 064A | EXPLORER 22 | 899 | US | 10 OCT | 104.4 | 79.7 | 1056 | 873 | | |
| 1964 064B | | 907 | US | 10 OCT | 104.4 | 79.7 | 1060 | 876 | | |
| 1964 064C | | 976 | US | 10 OCT | 103.2 | 79.3 | 1003 | 812 | | |
| 1964 064D | | 977 | US | 10 OCT | 104.9 | 80.0 | 1089 | 890 | | |
| 1964 073A | MARINER 3 | 923 | US | 5 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1964 076H | EXPLORER 25 | 932 | US | 21 NOV | 114.8 | 81.3 | 2366 | 524 | | |
| 1964 076C | | 933 | US | 21 NOV | 114.1 | 81.3 | 2303 | 526 | | |
| 1964 077A | MARINER 4 | 938 | US | 28 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1964 077B | | 942 | US | 28 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1964 078C | ZOND 2 | 945 | USSR | 30 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1964 083A | NNSS 30020 | 953 | US | 13 DEC | 106.0 | 89.8 | 1062 | 1018 | | |
| 1964 083B | | 955 | US | 13 DEC | 105.7 | 89.8 | 1056 | 1001 | | |
| 1964 083C | | 959 | US | 13 DEC | 105.9 | 89.8 | 1069 | 1006 | | |
| 1964 083D | | 965 | US | 13 DEC | 106.2 | 89.8 | 1079 | 1017 | | |
| 1964 083F | | 967 | US | 13 DEC | 105.7 | 89.8 | 1056 | 1002 | | |
| 1964 083G | | 1099 | US | 13 DEC | 105.9 | 89.8 | 1067 | 1007 | | |
| 1964 083J | | 1508 | US | 13 DEC | 105.2 | 89.8 | 1031 | 975 | | |
| 1964 086A | EXPLORER 26 | 963 | US | 21 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1965 LAUNCHES | | | | | | | | | | |
| 1965 004A | TIROS 9 | 978 | US | 22 JAN | 119.0 | 96.4 | 2565 | 702 | | |
| 1965 004B | | 979 | US | 22 JAN | 118.8 | 96.4 | 2551 | 700 | | |
| 1965 004C | | 1312 | US | 22 JAN | 117.5 | 96.3 | 2470 | 670 | | |
| 1965 004D | | 1313 | US | 22 JAN | 120.1 | 96.4 | 2639 | 728 | | |
| 1965 008A | | 1001 | US | 11 FEB | 145.4 | 32.1 | 2798 | 2765 | | |
| 1965 008B | | 1000 | US | 11 FEB | 145.7 | 32.1 | 2804 | 2782 | | |
| 1965 008C | | 1002 | US | 11 FEB | 145.8 | 32.1 | 2811 | 2782 | | |
| 1965 010B | | 1087 | US | 17 FEB | BARYCENTRIC ORBIT | | | | | |
| 1965 016A | GREB | 1271 | US | 9 MAR | 103.2 | 70.1 | 925 | 898 | | |
| 1965 016B | GRAVITY GRADIENT 2 | 1244 | US | 9 MAR | 103.3 | 70.1 | 927 | 899 | | |
| 1965 016C | GRAVITY GRADIENT 3 | 1292 | US | 9 MAR | 103.1 | 70.1 | 917 | 890 | | |
| 1965 016D | SOLRAD 7B | 1291 | US | 9 MAR | 103.3 | 70.1 | 929 | 901 | | |
| 1965 016E | SECOR (EGRS) 3 | 1208 | US | 9 MAR | 103.3 | 70.1 | 926 | 899 | | |
| 1965 016F | OSCAR 3 | 1293 | US | 9 MAR | 102.8 | 70.1 | 906 | 880 | | |
| 1965 016H | SURCAL | 1272 | US | 9 MAR | 103.3 | 70.1 | 930 | 901 | | |
| 1965 016J | | 1245 | US | 9 MAR | 103.2 | 70.1 | 924 | 895 | | |
| 1965 016K | | 12099 | US | 9 MAR | 103.0 | 70.1 | 915 | 888 | | |
| 1965 020E | | 1335 | USSR | 15 MAR | 106.8 | 56.1 | 1565 | 590 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1965 LAUNCHES (CONT.) | | | | | | | | | | |
| 1965 020S | | 1347 | USSR | 15 MAR | 103.1 | 56.0 | 1272 | 542 | | |
| 1965 020AC | | 1370 | USSR | 15 MAR | 103.4 | 56.1 | 1306 | 534 | | |
| 1965 020AH | | 1392 | USSR | 15 MAR | 105.2 | 55.9 | 1486 | 525 | | |
| 1965 020BB | | 1477 | USSR | 15 MAR | 112.0 | 55.5 | 1806 | 834 | | |
| 1965 020BC | | 1478 | USSR | 15 MAR | 110.0 | 56.1 | 1824 | 630 | | |
| 1965 020BD | | 1479 | USSR | 15 MAR | 114.9 | 56.0 | 2093 | 807 | | |
| 1965 020BS | | 1480 | USSR | 15 MAR | 114.7 | 56.1 | 2136 | 745 | | |
| 1965 020BV | | 1495 | USSR | 15 MAR | 104.2 | 55.6 | 1296 | 617 | | |
| 1965 020CV | | 1549 | USSR | 15 MAR | 114.5 | 56.2 | 2096 | 767 | | |
| 1965 020LD | | 1534 | USSR | 15 MAR | 115.8 | 56.2 | 2178 | 806 | | |
| 1965 020EH | | 2334 | USSR | 15 MAR | 110.8 | 55.7 | 1743 | 781 | | |
| 1965 020EM | | 2334 | USSR | 15 MAR | 115.4 | 55.6 | 1753 | 1194 | | |
| 1965 020EN | | 3038 | USSR | 15 MAR | 108.5 | 56.3 | 1716 | 594 | | |
| 1965 020FR | | 3708 | USSR | 15 MAR | 103.8 | 56.3 | 1261 | 614 | | |
| 1965 020ES | | 3743 | USSR | 15 MAR | 118.1 | 56.7 | 1810 | 1382 | | |
| 1965 020ET | | 3745 | USSR | 15 MAR | 115.3 | 56.0 | 1595 | 1342 | | |
| 1965 020EU | | 3749 | USSR | 15 MAR | 107.7 | 56.1 | 1626 | 617 | | |
| 1965 020EV | | 3931 | USSR | 15 MAR | 116.6 | 56.1 | 1699 | 1357 | | |
| 1965 020EW | | 3963 | USSR | 15 MAR | 95.1 | 55.9 | 617 | 426 | | |
| 1965 020EY | | 3965 | USSR | 15 MAR | 117.8 | 56.3 | 1805 | 1357 | | |
| 1965 020FD | | 6252 | USSR | 15 MAR | 117.1 | 56.0 | 1698 | 1403 | | |
| 1965 020FF | | 13517 | USSR | 15 MAR | 109.5 | 55.6 | 1685 | 723 | | |
| 1965 023B | | 1298 | US | 21 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1965 025A | EARLY BIRD | 1317 | ITSO | 6 APR | 1435.4 | 14.1 | 35805 | 35740 | | |
| 1965 027A | | 1314 | US | 3 APR | 111.4 | 90.3 | 1315 | 1269 | | |
| 1965 027B | SECOR (EGRS) 4 | 1315 | US | 3 APR | 111.4 | 90.3 | 1312 | 1266 | | |
| 1965 027B - 027BD | | | US | 3 APR | SEE NOTE 5* | | | | | 5* |
| 1965 027BD | | 20031 | US | 3 APR | 111.4 | 90.3 | 1310 | 1268 | | |
| 1965 028D | | 1318 | US | 6 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1965 032A | EXPLORER 27 | 1328 | US | 29 APR | 107.7 | 41.2 | 1317 | 926 | | |
| 1965 032B | | 1358 | US | 29 APR | 107.8 | 41.2 | 1317 | 928 | | |
| 1965 032D | | 2011 | US | 29 APR | 108.4 | 41.2 | 1233 | 1069 | | |
| 1965 034A | | 1359 | US | 6 MAY | 157.1 | 32.1 | 3741 | 2789 | | |
| 1965 034B | | 1360 | US | 6 MAY | 309.9 | 32.1 | 14800 | 2780 | | |
| 1965 034C | | 1361 | US | 6 MAY | 145.6 | 32.1 | 2800 | 2782 | | |
| 1965 034D | | 2529 | US | 6 MAY | 309.9 | 32.1 | 14789 | 2790 | | |
| 1965 038A | | 1377 | US | 20 MAY | 97.6 | 98.2 | 769 | 513 | | |
| 1965 038B | | 1378 | US | 20 MAY | 95.8 | 97.9 | 636 | 476 | | |
| 1965 044A | LUNA 6 | 1393 | USSR | 8 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1965 048A | NNSS 30040 | 1420 | US | 24 JUN | 106.7 | 90.1 | 1127 | 1015 | | |
| 1965 048B | | 1428 | US | 24 JUN | 106.5 | 90.1 | 1106 | 1018 | | |
| 1965 048C | | 1425 | US | 24 JUN | 106.8 | 90.1 | 1130 | 1022 | | |
| 1965 048D | | 1435 | US | 24 JUN | 105.9 | 90.1 | 1090 | 982 | | |
| 1965 048E | | 2701 | US | 24 JUN | 106.0 | 90.1 | 1086 | 999 | | |
| 1965 048F | | 3592 | US | 24 JUN | 106.1 | 90.1 | 1087 | 1002 | | |
| 1965 048L | | 19062 | US | 24 JUN | 99.0 | 89.8 | 741 | 680 | | |
| 1965 051A | TIROS 10 | 1430 | US | 2 JUL | 100.2 | 98.8 | 810 | 724 | | |
| 1965 051B | | 1433 | US | 2 JUL | 99.7 | 98.7 | 780 | 706 | | |
| 1965 051C | | 1440 | US | 2 JUL | 95.8 | 98.5 | 603 | 506 | | |
| 1965 051D | | 1529 | US | 2 JUL | 101.5 | 99.1 | 857 | 801 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1965 LAUNCHES (CONT.) | | | | | | | | | | |
| 1965 056A | ZOND 3 | 1454 | USSR | 18 JUL | HELIOCENTRIC ORBIT | | | | | |
| 1965 058A | | 1458 | US | 20 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1965 058B | | 1459 | US | 20 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1965 063A | SECOR (EGRS) 5 | 1506 | US | 10 AUG | 122.2 | 69.2 | 2423 | 1130 | | |
| 1965 063B | | 1502 | US | 10 AUG | 122.2 | 69.2 | 2422 | 1132 | | |
| 1965 064A | CENTAUR 6 | 1503 | US | 11 AUG | BARYCENTRIC ORBIT | | | | | |
| 1965 065A | NNSS 30050 | 1504 | US | 13 AUG | 107.7 | 90.0 | 1170 | 1071 | | |
| 1965 065B | | 1508 | US | 13 AUG | 107.5 | 89.9 | 1143 | 1082 | | |
| 1965 065C | | 1510 | US | 13 AUG | 105.8 | 90.0 | 1073 | 994 | | |
| 1965 065D | | 1511 | US | 13 AUG | 107.9 | 90.0 | 1180 | 1083 | | |
| 1965 065E | | 1512 | US | 13 AUG | 108.0 | 90.0 | 1183 | 1083 | | |
| 1965 065F | | 1514 | US | 13 AUG | 107.9 | 90.0 | 1182 | 1078 | | |
| 1965 065G | | 1515 | US | 13 AUG | 107.3 | 90.0 | 1149 | 1051 | | |
| 1965 065H | | 1520 | US | 13 AUG | 107.9 | 90.0 | 1181 | 1075 | | |
| 1965 065J | | 1521 | US | 13 AUG | 108.0 | 90.0 | 1184 | 1082 | | |
| 1965 065K | | 1577 | US | 13 AUG | 107.9 | 90.0 | 1178 | 1078 | | |
| 1965 065L | | 1522 | US | 13 AUG | 108.0 | 90.0 | 1184 | 1081 | | |
| 1965 065P | | 3810 | US | 13 AUG | 107.3 | 90.0 | 1148 | 1052 | | |
| 1965 065Q | | 5265 | US | 13 AUG | 107.8 | 89.9 | 1154 | 1092 | | |
| 1965 070A | COSMOS 80 | 1570 | USSR | 3 SEP | 115.0 | 56.1 | 1541 | 1365 | | |
| 1965 070B | COSMOS 81 | 1571 | USSR | 3 SEP | 115.3 | 56.1 | 1546 | 1392 | | |
| 1965 070C | COSMOS 82 | 1572 | USSR | 3 SEP | 115.7 | 56.1 | 1551 | 1419 | | |
| 1965 070D | COSMOS 83 | 1573 | USSR | 3 SEP | 116.0 | 56.1 | 1559 | 1446 | | |
| 1965 070E | COSMOS 84 | 1574 | USSR | 3 SEP | 116.4 | 56.1 | 1570 | 1468 | | |
| 1965 070F | | 1575 | USSR | 3 SEP | 114.6 | 56.1 | 1513 | 1358 | | |
| 1965 070G | | 3045 | USSR | 3 SEP | 115.9 | 55.5 | 1732 | 1257 | | |
| 1965 072A | | 1580 | US | 10 SEP | 101.3 | 98.6 | 1000 | 636 | | |
| 1965 072D | | 1583 | US | 10 SEP | 100.4 | 98.6 | 928 | 621 | | |
| 1965 072E | | 1931 | US | 10 SEP | 101.9 | 98.9 | 1068 | 628 | | |
| 1965 072F | | 1932 | US | 10 SEP | 98.4 | 98.3 | 767 | 591 | | |
| 1965 073A | COSMOS 86 | 1584 | USSR | 18 SEP | 115.0 | 56.1 | 1627 | 1286 | | |
| 1965 073B | COSMOS 87 | 1585 | USSR | 18 SEP | 115.4 | 56.1 | 1636 | 1314 | | |
| 1965 073C | COSMOS 88 | 1586 | USSR | 18 SEP | 115.8 | 56.1 | 1645 | 1339 | | |
| 1965 073D | COSMOS 89 | 1587 | USSR | 18 SEP | 116.2 | 56.1 | 1657 | 1364 | | |
| 1965 073E | COSMOS 90 | 1588 | USSR | 18 SEP | 116.6 | 56.1 | 1672 | 1387 | | |
| 1965 073F | | 1589 | USSR | 18 SEP | 116.8 | 56.0 | 1682 | 1391 | | |
| 1965 073G | | 1590 | USSR | 18 SEP | 115.9 | 56.1 | 1636 | 1359 | | |
| 1965 073H | | 1591 | USSR | 18 SEP | 116.3 | 56.1 | 1660 | 1365 | | |
| 1965 073J | | 1617 | USSR | 18 SEP | 117.1 | 56.1 | 1736 | 1360 | | |
| 1965 073K | | 1618 | USSR | 18 SEP | 117.4 | 56.2 | 1748 | 1376 | | |
| 1965 073L | | 2647 | USSR | 18 SEP | 116.0 | 56.1 | 1642 | 1356 | | |
| 1965 078A | | 1613 | US | 5 OCT | 118.6 | 144.2 | 2828 | 407 | | |
| 1965 078B | | 1616 | US | 5 OCT | 117.4 | 144.2 | 2715 | 410 | | |
| 1965 082B - | 082UP | | US | 15 OCT | SEE NOTE 7* | | | | | 7* |
| 1965 089A | EXPLORER 29 | 1726 | US | 6 NOV | 120.3 | 59.4 | 2276 | 1111 | | |
| 1965 089B | | 1729 | US | 6 NOV | 120.3 | 59.4 | 2272 | 1112 | | |
| 1965 089C | | 2700 | US | 6 NOV | 119.1 | 59.6 | 2216 | 1068 | | |
| 1965 089D | | 2888 | US | 6 NOV | 121.3 | 59.2 | 2311 | 1165 | | |
| 1965 091A | VENERA 2 | 1730 | USSR | 12 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1965 092D | | 1736 | USSR | 16 NOV | HELIOCENTRIC ORBIT | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1965 LAUNCHES (CONT.) | | | | | | | | | | |
| 1965 093A | EXPLORER 30 | 1738 | US | 19 NOV | 100.3 | 59.7 | 872 | 673 | | |
| 1965 093B | | 1739 | US | 19 NOV | 99.9 | 59.7 | 821 | 688 | | |
| 1965 093C | | 2013 | US | 19 NOV | 98.3 | 59.7 | 727 | 622 | | |
| 1965 093D | | 2088 | US | 19 NOV | 100.2 | 59.7 | 852 | 681 | | |
| 1965 096A | A-1 | 1778 | FRANCE | 26 NOV | 107.7 | 34.3 | 1710 | 528 | | |
| 1965 096B | | 1805 | FRANCE | 26 NOV | 106.5 | 34.3 | 1602 | 523 | | |
| 1965 096D | | 1996 | FRANCE | 26 NOV | 102.3 | 34.2 | 1228 | 506 | | |
| 1965 098A | ALOUETTE 2 | 1804 | CANADA | 29 NOV | 118.5 | 79.8 | 2728 | 501 | | |
| 1965 098B | EXPLORER 31 | 1806 | US | 29 NOV | 120.2 | 79.8 | 2874 | 502 | | |
| 1965 098C | | 1807 | US | 29 NOV | 119.1 | 79.8 | 2774 | 502 | | |
| 1965 098D | | 1808 | US | 29 NOV | 107.8 | 79.8 | 1773 | 480 | | |
| 1965 098E | | 1944 | US | 29 NOV | 106.8 | 79.8 | 1682 | 476 | | |
| 1965 098F | | 1948 | US | 29 NOV | 114.1 | 79.9 | 2329 | 498 | | |
| 1965 098G | | 1951 | US | 29 NOV | 114.3 | 79.7 | 2352 | 490 | | |
| 1965 098H | | 2092 | US | 29 NOV | 118.8 | 79.9 | 2749 | 504 | | |
| 1965 098J | | 2153 | US | 29 NOV | 118.5 | 79.7 | 2724 | 502 | | |
| 1965 098K | | 20833 | US | 29 NOV | 111.7 | 79.8 | 2111 | 494 | | |
| 1965 101A | FR-1 | 1814 | FRANCE | 6 DEC | 99.0 | 75.9 | 714 | 704 | | |
| 1965 101B | | 1815 | US | 6 DEC | 98.8 | 75.9 | 705 | 693 | | |
| 1965 105A | PIONEER 6 | 1841 | US | 16 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1965 106A | COSMOS 100 | 1843 | USSR | 17 DEC | 95.6 | 65.0 | 596 | 499 | | |
| 1965 106B | | 1844 | USSR | 17 DEC | 95.1 | 65.0 | 536 | 512 | | |
| 1965 109A | NNSS 30060 | 1964 | US | 22 DEC | 104.7 | 89.1 | 1060 | 895 | | |
| 1965 109B | | 1965 | US | 22 DEC | 104.7 | 89.1 | 1065 | 899 | | |
| 1965 109C | | 2086 | US | 22 DEC | 100.9 | 89.1 | 818 | 780 | | |
| 1965 109D | | 2226 | US | 22 DEC | 106.8 | 89.0 | 1271 | 888 | | |
| 1965 109E | | 2353 | US | 22 DEC | 105.0 | 89.4 | 1108 | 876 | | |
| 1965 112D | | 1937 | USSR | 28 DEC | 94.8 | 55.9 | 528 | 485 | | |
| 1966 LAUNCHES | | | | | | | | | | |
| 1965 005A | NNSS 30070 | 1952 | US | 28 JAN | 105.5 | 89.8 | 1187 | 850 | | |
| 1966 005B | | 1953 | US | 28 JAN | 105.6 | 89.8 | 1195 | 852 | | |
| 1966 005C | | 2140 | US | 28 JAN | 107.2 | 90.1 | 1348 | 848 | | |
| 1966 005D | | 2141 | US | 28 JAN | 103.4 | 89.8 | 1026 | 815 | | |
| 1966 005E | | 2889 | US | 28 JAN | 109.4 | 89.5 | 1326 | 1071 | | |
| 1966 005F | | 2989 | US | 28 JAN | 103.6 | 89.9 | 1022 | 836 | | |
| 1966 005J | | 11991 | US | 28 JAN | 105.1 | 89.8 | 1159 | 843 | | |
| 1966 006D | | 2001 | USSR | 31 JAN | BARYCENTRIC ORBIT | | | | | |
| 1965 008A | ESSA 1 | 1982 | US | 3 FEB | 99.8 | 97.9 | 810 | 685 | | |
| 1966 008B | | 1983 | US | 3 FEB | 99.4 | 97.8 | 796 | 666 | | |
| 1966 008C | | 2085 | US | 3 FEB | 97.0 | 97.7 | 635 | 599 | | |
| 1966 008D | | 2118 | US | 3 FEB | 100.4 | 98.0 | 891 | 668 | | |
| 1966 008E | | 2154 | US | 3 FEB | 99.3 | 97.7 | 770 | 677 | | |
| 1966 013A | D-1A | 2016 | FRANCE | 17 FEB | 116.2 | 34.1 | 2516 | 503 | | |
| 1966 013B | | 2017 | FRANCE | 17 FEB | 115.0 | 34.1 | 2411 | 502 | | |
| 1966 013F | | 2023 | FRANCE | 17 FEB | 96.0 | 34.0 | 739 | 397 | | |
| 1966 013G | | 2161 | FRANCE | 17 FEB | 109.2 | 34.1 | 1876 | 501 | | |
| 1966 016A | ESSA 2 | 2091 | US | 28 FEB | 113.4 | 100.9 | 1412 | 1352 | | |
| 1966 016B | | 2096 | US | 28 FEB | 113.4 | 101.0 | 1413 | 1350 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1966 LAUNCHES (CONT.) | | | | | | | | | | |
| 1966 016C | | 2223 | US | 28 FEB | 111.8 | 101.1 | 1382 | 1237 | | |
| 1966 016D | | 2224 | US | 28 FEB | 115.0 | 101.1 | 1562 | 1346 | | |
| 1966 016E | | 6214 | US | 28 FEB | 114.2 | 101.6 | 1515 | 1325 | | |
| 1966 024A | NNSS 30080 | 2119 | US | 26 MAR | 104.9 | 89.8 | 1099 | 883 | | |
| 1966 024B | | 2120 | US | 26 MAR | 105.0 | 89.8 | 1106 | 886 | | |
| 1966 025A | OV1-4 | 2121 | US | 30 MAR | 104.0 | 144.5 | 1009 | 885 | | |
| 1966 025B | OV1-5 | 2122 | US | 30 MAR | 105.6 | 144.5 | 1057 | 985 | | |
| 1966 025C | | 2123 | US | 30 MAR | 105.6 | 144.6 | 1057 | 986 | | |
| 1966 025D | | 2124 | US | 30 MAR | 104.0 | 144.5 | 1006 | 886 | | |
| 1966 025E | | 3511 | US | 30 MAR | 102.7 | 144.6 | 942 | 830 | | |
| 1966 025G | | 5361 | US | 30 MAR | 103.8 | 144.6 | 977 | 901 | | |
| 1966 025H | | 5599 | US | 30 MAR | 102.8 | 144.6 | 935 | 842 | | |
| 1966 026A | | 2125 | US | 31 MAR | 99.5 | 98.4 | 865 | 607 | | |
| 1966 026B | | 2129 | US | 31 MAR | 97.7 | 98.2 | 736 | 564 | | |
| 1966 026D | | 2177 | US | 31 MAR | 100.4 | 98.9 | 951 | 598 | | |
| 1966 026F | | 2179 | US | 31 MAR | 96.1 | 98.0 | 626 | 517 | | |
| 1966 027A | LUNA 10 | 2126 | USSR | 31 MAR | SELENOCENTRIC ORBIT | | | | | |
| 1966 027D | | 2130 | USSR | 31 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1966 027E | | 2131 | USSR | 31 MAR | BARYCENTRIC ORBIT | | | | | |
| 1966 027F | | 2132 | USSR | 31 MAR | BARYCENTRIC ORBIT | | | | | |
| 1966 031A | OAO 1 | 2142 | US | 8 APR | 100.7 | 35.0 | 795 | 785 | | |
| 1966 031B | | 2144 | US | 8 APR | 100.3 | 35.0 | 780 | 767 | | |
| 1966 034A | OV3-1 | 2150 | US | 22 APR | 134.8 | 82.4 | 4315 | 342 | | |
| 1966 034B | | 2167 | US | 22 APR | 116.0 | 82.4 | 2671 | 326 | | |
| 1966 040A | NIMBUS 2 | 2173 | US | 15 MAY | 108.0 | 100.5 | 1175 | 1091 | | |
| 1966 040B | | 2174 | US | 15 MAY | 107.8 | 100.5 | 1167 | 1081 | | |
| 1966 041A | NNSS 30090 | 2176 | US | 19 MAY | 102.9 | 90.0 | 952 | 838 | | |
| 1966 041B | | 2180 | US | 19 MAY | 103.0 | 90.0 | 962 | 840 | | |
| 1966 041C | | 2225 | US | 19 MAY | 99.1 | 90.0 | 743 | 689 | | |
| 1966 041D | | 2644 | US | 19 MAY | 105.0 | 90.0 | 1159 | 832 | | |
| 1966 041E | | 3591 | US | 19 MAY | 102.9 | 90.0 | 954 | 838 | | |
| 1966 041F | | 4555 | US | 19 MAY | 101.9 | 90.0 | 900 | 794 | | |
| 1966 045B | | 2187 | US | 30 MAY | BARYCENTRIC ORBIT | | | | | |
| 1966 049A | OGO 3 | 2195 | US | 7 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1966 052A | | 2201 | US | 10 JUN | 142.9 | 40.9 | 4708 | 642 | | |
| 1966 052B | | 2206 | US | 10 JUN | 142.5 | 40.8 | 4677 | 644 | | |
| 1966 052C | | 2498 | US | 10 JUN | 138.7 | 40.6 | 4413 | 578 | | |
| 1966 052D | | 2516 | US | 10 JUN | 144.6 | 41.0 | 4793 | 698 | | |
| 1966 053A | | 2207 | US | 16 JUN | 1334.0 | 4.2 | 33858 | 33663 | | |
| 1966 053B | | 2215 | US | 16 JUN | 1334.5 | 11.6 | 33890 | 33657 | | |
| 1966 053C | | 2216 | US | 16 JUN | 1335.3 | 4.9 | 33923 | 33657 | | |
| 1966 053D | | 2217 | US | 16 JUN | 1336.5 | 9.0 | 33989 | 33637 | | |
| 1966 053E | | 2218 | US | 16 JUN | 1338.6 | 8.0 | 34017 | 33694 | | |
| 1966 053F | | 2219 | US | 16 JUN | 1340.9 | 8.9 | 34093 | 33712 | | |
| 1966 053G | | 2220 | US | 16 JUN | 1344.0 | 8.9 | 34230 | 33695 | | |
| 1966 053H | | 2221 | US | 16 JUN | 1347.6 | 5.0 | 34359 | 33711 | | |
| 1966 053J | | 2222 | US | 16 JUN | 1349.4 | 12.0 | 34738 | 33404 | | |
| 1966 056A | PAGEOS 1 | 2253 | US | 24 JUN | 178.0 | 85.8 | 5148 | 3062 | | |
| 1966 056B | | 2255 | US | 24 JUN | 181.1 | 86.9 | 4279 | 4173 | | |
| 1966 056C | | 2256 | US | 24 JUN | 181.3 | 86.9 | 4278 | 4189 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1966 LAUNCHES (CONT.) | | | | | | | | | | |
| 1966 056D | | 2511 | US | 24 JUN | 181.5 | 87.0 | 4260 | 4217 | | |
| 1966 056G | | 8066 | US | 24 JUN | 160.7 | 81.9 | 6372 | 450 | | |
| 1966 056H | | 8074 | US | 24 JUN | 172.1 | 84.2 | 6897 | 846 | | |
| 1966 056AH | | 9468 | US | 24 JUN | 179.8 | 85.0 | 5318 | 3033 | | |
| 1966 058A | EXPLORER 33 | 2256 | US | 1 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1966 058C | | 2260 | US | 1 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1966 063F | | 2327 | US | 14 JUL | 104.1 | 144.2 | 967 | 937 | | |
| 1966 063G | | 2328 | US | 14 JUL | 105.2 | 144.2 | 1012 | 998 | | |
| 1966 063D | | 2329 | US | 14 JUL | 104.6 | 144.2 | 978 | 972 | | |
| 1966 063E | | 2337 | US | 14 JUL | 105.2 | 144.2 | 1006 | 999 | | |
| 1966 070A | OV3-3 | 2389 | US | 4 AUG | 123.3 | 81.4 | 3308 | 349 | | |
| 1966 070B | | 2404 | US | 4 AUG | 98.9 | 81.4 | 1108 | 305 | | |
| 1966 070D | | 2800 | US | 4 AUG | 127.8 | 81.2 | 3664 | 388 | | |
| 1966 073B | | 2395 | US | 10 AUG | BARYCENTRIC ORBIT | | | | | |
| 1966 075A | PIONEER 7 | 2398 | US | 17 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1966 075C | | 2402 | US | 17 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1966 076A | NNSS 30100 | 2401 | US | 18 AUG | 106.5 | 88.9 | 1090 | 1039 | | |
| 1966 076B | | 2413 | US | 18 AUG | 106.6 | 88.9 | 1093 | 1044 | | |
| 1966 076C | | 2580 | US | 18 AUG | 104.9 | 89.2 | 1059 | 915 | | |
| 1966 076D | | 2702 | US | 18 AUG | 108.0 | 88.6 | 1197 | 1069 | | |
| 1966 077A | | 2403 | US | 19 AUG | 167.4 | 89.7 | 3707 | 3660 | | |
| 1966 077B | SECOR (EGRS) 7 | 2411 | US | 19 AUG | 167.5 | 89.7 | 3697 | 3673 | | |
| 1966 077C | ERS 15 | 2412 | US | 19 AUG | 167.6 | 89.7 | 3699 | 3681 | | |
| 1966 078A | LUNA 11 | 2406 | USSR | 24 AUG | SELENOCENTRIC ORBIT | | | | | |
| 1966 082A | | 2418 | US | 16 SEP | 100.2 | 98.4 | 862 | 676 | | |
| 1966 082B | | 2422 | US | 16 SEP | 100.2 | 98.4 | 856 | 674 | | |
| 1966 084B | | 2426 | US | 20 SEP | BARYCENTRIC ORBIT | | | | | |
| 1966 087A | ESSA 3 | 2435 | US | 2 OCT | 114.5 | 100.9 | 1483 | 1384 | | |
| 1966 087B | | 2436 | US | 2 OCT | 114.5 | 101.0 | 1482 | 1381 | | |
| 1966 087C | | 2518 | US | 2 OCT | 115.9 | 100.8 | 1557 | 1430 | | |
| 1966 087D | | 2775 | US | 2 OCT | 113.2 | 101.0 | 1470 | 1278 | | |
| 1966 087E | | 6213 | US | 2 OCT | 112.9 | 101.8 | 1383 | 1334 | | |
| 1966 087F | | 8791 | US | 2 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1966 089A | | 2481 | US | 5 OCT | 167.5 | 90.1 | 3720 | 3656 | | |
| 1966 089B | SECOR (EGRS) 8 | 2520 | US | 5 OCT | 167.6 | 90.1 | 3706 | 3675 | | |
| 1966 094A | LUNA 12 | 2508 | USSR | 22 OCT | SELENOCENTRIC ORBIT | | | | | |
| 1966 095B | | 2513 | US | 25 OCT | BARYCENTRIC ORBIT | | | | | |
| 1966 096A | INTELSAT 2 F-1 | 2514 | ITSO | 26 OCT | 717.6 | 18.2 | 37103 | 3241 | | |
| 1966 096C | | 11792 | US | 26 OCT | 472.9 | 18.1 | 27038 | 419 | | |
| 1966 110A | ATS 1 | 2608 | US | 7 DEC | 1435.5 | 13.8 | 35797 | 35751 | | |
| 1966 111A | OV1-9 | 2610 | US | 11 DEC | 140.2 | 99.1 | 4649 | 473 | | |
| 1966 111B | OV1-10 | 2611 | US | 11 DEC | 96.7 | 93.4 | 639 | 564 | | |
| 1966 111C | | 2621 | US | 11 DEC | 97.9 | 93.4 | 714 | 606 | | |
| 1966 111D | | 2622 | US | 11 DEC | 139.5 | 99.1 | 4592 | 472 | | |
| 1967 LAUNCHES | | | | | | | | | | |
| 1967 001A | INTELSAT 2 F-2 | 2639 | ITSO | 11 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 001D | | 2643 | US | 11 JAN | 431.5 | 26.7 | 24776 | 296 | | |
| 1967 001S | | 5987 | US | 11 JAN | 524.0 | 26.5 | 29636 | 668 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1967 LAUNCHES (CONT.) | | | | | | | | | | |
| 1967 001T | | 5988 | US | 11 JAN | 170.2 | 26.7 | 7420 | 171 | | |
| 1967 001V | | 5990 | US | 11 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 001W | | 5998 | US | 11 JAN | 383.0 | 29.8 | 21917 | 267 | | |
| 1967 001X | | 6779 | US | 11 JAN | 656.5 | 27.4 | 36714 | 574 | | |
| 1967 001AM | | 14756 | US | 11 JAN | 370.4 | 26.7 | 21161 | 253 | | |
| 1967 001AN | | 19518 | US | 11 JAN | 513.0 | 26.3 | 29124 | 573 | | |
| 1967 001AR | | 20102 | US | 11 JAN | 527.8 | 26.5 | 29960 | 552 | | |
| 1967 003A | | 2645 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003D | | 2649 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003C | | 2650 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003D | | 2651 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003E | | 2652 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003F | | 2653 | US | 18 JAN | 1336.4 | 9.0 | 34029 | 33594 | | |
| 1967 003G | | 2654 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003H | | 2655 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 003J | | 2660 | US | 18 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 006A | ESSA 4 | 2657 | US | 26 JAN | 113.4 | 102.1 | 1437 | 1323 | | |
| 1967 006B | | 2661 | US | 26 JAN | 113.5 | 102.0 | 1438 | 1339 | | |
| 1967 006C | | 2706 | US | 26 JAN | 114.2 | 102.1 | 1446 | 1390 | | |
| 1967 006D | | 2707 | US | 26 JAN | 112.5 | 101.9 | 1458 | 1228 | | |
| 1967 006E | | 5971 | US | 26 JAN | 113.1 | 102.0 | 1454 | 1279 | | |
| 1967 010A | | 2659 | US | 8 FEB | 101.1 | 99.1 | 848 | 774 | | |
| 1967 010B | | 2741 | US | 8 FEB | 101.1 | 99.0 | 850 | 769 | | |
| 1967 011A | DIADEME 1 | 2674 | FRANCE | 8 FEB | 101.7 | 40.0 | 1123 | 551 | | |
| 1967 011B | | 2671 | FRANCE | 8 FEB | 102.5 | 40.0 | 1194 | 557 | | |
| 1967 014A | DIADEME 2 | 2680 | FRANCE | 15 FEB | 108.8 | 39.5 | 1754 | 586 | | |
| 1967 014B | | 2682 | FRANCE | 15 FEB | 109.3 | 39.5 | 1799 | 588 | | |
| 1967 014C | | 2684 | FRANCE | 15 FEB | 106.7 | 40.0 | 1576 | 572 | | |
| 1967 014F | | 2685 | FRANCE | 15 FEB | 106.0 | 39.0 | 1517 | 567 | | |
| 1967 014J | | 14505 | FRANCE | 15 FEB | 106.3 | 38.8 | 1533 | 572 | | |
| 1967 014K | | 14633 | FRANCE | 15 FEB | 96.5 | 39.4 | 708 | 472 | | |
| 1967 014L | | 15531 | FRANCE | 15 FEB | 96.3 | 39.4 | 691 | 471 | | |
| 1967 014M | | 18911 | FRANCE | 15 FEB | 109.9 | 38.9 | 1875 | 569 | | |
| 1967 014N | | 18928 | FRANCE | 15 FEB | 96.9 | 39.4 | 742 | 478 | | |
| 1967 014P | | 18929 | FRANCE | 15 FEB | 97.5 | 39.4 | 781 | 495 | | |
| 1967 025A | INTELSAT 2 F-3 | 2717 | ITSO | 23 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 027A | COSMOS 151 | 2720 | USSR | 24 MAR | 90.8 | 56.0 | 312 | 310 | | |
| 1967 034A | NNSS 30120 | 2754 | US | 14 APR | 106.2 | 90.1 | 1065 | 1038 | | |
| 1967 034B | | 2755 | US | 14 APR | 106.4 | 90.1 | 1072 | 1044 | | |
| 1967 034C | | 2777 | US | 14 APR | 103.4 | 90.3 | 1020 | 814 | | |
| 1967 034D | | 2779 | US | 14 APR | 108.2 | 90.2 | 1242 | 1046 | | |
| 1967 034E | | 4843 | US | 14 APR | 106.6 | 90.4 | 1092 | 1048 | | |
| 1967 035B | | 2764 | US | 17 APR | BARYCENTRIC ORBIT | | | | | |
| 1967 036A | ESSA 5 | 2757 | US | 20 APR | 113.5 | 102.0 | 1419 | 1352 | | |
| 1967 036B | | 2758 | US | 20 APR | 113.5 | 102.0 | 1417 | 1354 | | |
| 1967 036C | | 2976 | US | 20 APR | 112.3 | 102.2 | 1408 | 1256 | | |
| 1967 036D | | 2977 | US | 20 APR | 114.6 | 101.3 | 1481 | 1388 | | |
| 1967 039B | | 2763 | USSR | 27 APR | 92.5 | 81.1 | 414 | 379 | | |
| 1967 040A | | 2765 | US | 28 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 040B | | 2766 | US | 28 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1967 LAUNCHES (CONT.) | | | | | | | | | | |
| 1967 040C | ERS 18 | 2767 | US | 28 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 040D | ERS 20 | 2768 | US | 28 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 040E | ERS 27 | 2769 | US | 28 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 040F | | 2770 | US | 28 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 043B | | 2780 | US | 9 MAY | 94.6 | 84.9 | 540 | 454 | | |
| 1967 045A | COSMOS 158 | 2801 | USSR | 15 MAY | 100.3 | 74.0 | 812 | 729 | | |
| 1967 045B | | 2802 | USSR | 15 MAY | 100.1 | 74.0 | 815 | 710 | | |
| 1967 045C | | 2823 | USSR | 15 MAY | 95.7 | 74.0 | 566 | 540 | | |
| 1967 048A | NNSS 30130 | 2807 | US | 19 MAY | 106.7 | 89.6 | 1090 | 1060 | | |
| 1967 048B | | 2811 | US | 18 MAY | 106.8 | 89.6 | 1089 | 1065 | | |
| 1967 048C | | 17723 | US | 18 MAY | 102.4 | 89.6 | 890 | 851 | | |
| 1967 048D | | 19222 | US | 18 MAY | 103.6 | 89.6 | 964 | 890 | | |
| 1967 053A | | 2826 | US | 31 MAY | 101.8 | 69.9 | 851 | 832 | | |
| 1967 053B | | 2825 | US | 31 MAY | 103.2 | 70.0 | 915 | 902 | | |
| 1967 053C | GRAVITY GRADIENT 4 | 2828 | US | 31 MAY | 103.2 | 70.0 | 915 | 901 | | |
| 1967 053D | GRAVITY GRADIENT 5 | 2834 | US | 31 MAY | 103.2 | 70.0 | 917 | 904 | | |
| 1967 053E | | 2847 | US | 31 MAY | 103.0 | 70.0 | 906 | 893 | | |
| 1967 053F | | 2872 | US | 31 MAY | 103.1 | 70.0 | 912 | 899 | | |
| 1967 053G | | 2873 | US | 31 MAY | 103.2 | 70.0 | 914 | 901 | | |
| 1967 053H | | 2874 | US | 31 MAY | 103.2 | 70.0 | 917 | 903 | | |
| 1967 053J | | 2909 | US | 31 MAY | 101.5 | 70.0 | 832 | 828 | | |
| 1967 053K | | 19245 | US | 31 MAY | 102.8 | 70.0 | 897 | 885 | | |
| 1967 060A | MARINER 5 | 2845 | US | 14 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1967 060B | | 2846 | US | 14 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1967 065A | SECOR (EGRS) 9 | 2861 | US | 29 JUN | 172.1 | 90.0 | 3947 | 3791 | | |
| 1967 065B | AURORA 1 | 2876 | US | 29 JUN | 172.1 | 90.0 | 3949 | 3790 | | |
| 1967 065C | | 2877 | US | 29 JUN | 172.1 | 90.0 | 3953 | 3786 | | |
| 1967 066A | TITAN 3 C-14 | 2862 | US | 1 JUL | 1309.7 | 1.2 | 33540 | 33010 | | |
| 1967 066B | | 2863 | US | 1 JUL | 1310.4 | 1.2 | 33549 | 33030 | | |
| 1967 066C | | 2864 | US | 1 JUL | 1311.7 | 10.0 | 33550 | 33079 | | |
| 1967 066D | | 2865 | US | 1 JUL | 1313.6 | 10.1 | 33560 | 33147 | | |
| 1967 066E | | 2866 | US | 1 JUL | 1316.1 | 10.1 | 33622 | 33185 | | |
| 1967 066F | DODGE | 2867 | US | 1 JUL | 1319.1 | 10.1 | 33670 | 33258 | | |
| 1967 066G | | 2868 | US | 1 JUL | 1319.1 | 10.1 | 33662 | 33266 | | |
| 1967 068B | | 2883 | US | 14 JUL | BARYCENTRIC ORBIT | | | | | |
| 1967 070A | EXPLORER 35 | 2884 | US | 19 JUL | SELENOCENTRIC ORBIT | | | | | |
| 1967 075B | | 2908 | US | 1 AUG | BARYCENTRIC ORBIT | | | | | |
| 1967 080A | | 2920 | US | 23 AUG | 101.9 | 99.1 | 875 | 819 | | |
| 1967 080B | | 2940 | US | 23 AUG | 101.8 | 99.0 | 872 | 816 | | |
| 1967 084B | | 2938 | US | 8 SEP | BARYCENTRIC ORBIT | | | | | |
| 1967 092A | NNSS 30140 | 2965 | US | 25 SEP | 106.5 | 89.2 | 1100 | 1030 | | |
| 1967 092B | | 2967 | US | 25 SEP | 106.6 | 89.2 | 1100 | 1033 | | |
| 1967 092C | | 2994 | US | 25 SEP | 103.8 | 89.4 | 1010 | 862 | | |
| 1967 092D | | 3122 | US | 25 SEP | 108.9 | 89.1 | 1319 | 1029 | | |
| 1967 092G | | 17176 | US | 25 SEP | 101.2 | 89.2 | 820 | 813 | | |
| 1967 092H | | 20009 | US | 25 SEP | 101.1 | 89.2 | 813 | 804 | | |
| 1967 092J | | 20652 | US | 25 SEP | 101.2 | 89.2 | 819 | 808 | | |
| 1967 094A | INTELSAT 2 F-4 | 2969 | ITSO | 28 SEP | 1436.9 | 13.7 | 35857 | 35745 | | |
| 1967 094C | | 2971 | US | 28 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1967 096A | | 2980 | US | 11 OCT | 99.3 | 99.2 | 804 | 642 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1967 LAUNCHES (CONT.) | | | | | | | | | | |
| 1967 096B | | 2985 | US | 11 OCT | 99.1 | 99.1 | 794 | 639 | | |
| 1967 102B | | 3011 | USSR | 24 OCT | 92.9 | 81.2 | 446 | 384 | | |
| 1967 104B | | 3019 | USSR | 27 OCT | 96.0 | 64.1 | 650 | 485 | | |
| 1967 111A | ATS 3 | 3029 | US | 5 NOV | 1436.1 | 13.6 | 35860 | 35714 | | |
| 1967 112B | | 3034 | US | 7 NOV | BARYCENTRIC ORBIT | | | | | |
| 1967 114A | ESSA 6 | 3035 | US | 10 NOV | 114.8 | 102.2 | 1482 | 1407 | | |
| 1967 114B | | 3036 | US | 10 NOV | 114.8 | 102.2 | 1482 | 1408 | | |
| 1967 114C | | 3051 | US | 10 NOV | 114.1 | 101.4 | 1480 | 1344 | | |
| 1967 114D | | 3123 | US | 10 NOV | 115.4 | 102.5 | 1494 | 1448 | | |
| 1967 114E | | 5443 | US | 10 NOV | 114.6 | 101.6 | 1483 | 1386 | | |
| 1967 116A | COSMOS 192 | 3047 | USSR | 23 NOV | 99.3 | 74.0 | 729 | 719 | | |
| 1967 116B | | 3048 | USSR | 23 NOV | 99.2 | 74.0 | 724 | 713 | | |
| 1967 123A | PIONEER 8 | 3066 | US | 13 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1967 127A | COSMOS 198 | 3091 | USSR | 27 DEC | 103.4 | 65.1 | 928 | 907 | | |
| 1968 LAUNCHES | | | | | | | | | | |
| 1968 001B | | 3092 | US | 7 JAN | BARYCENTRIC ORBIT | | | | | |
| 1968 002A | EXPLORER 36 | 3093 | US | 11 JAN | 112.2 | 105.8 | 1571 | 1080 | | |
| 1968 002B | | 3094 | US | 11 JAN | 112.1 | 105.8 | 1563 | 1079 | | |
| 1968 002C | | 3126 | US | 11 JAN | 112.3 | 106.0 | 1579 | 1084 | | |
| 1968 002D | | 3127 | US | 11 JAN | 112.1 | 105.3 | 1570 | 1074 | | |
| 1968 011A | COSMOS 203 | 3129 | USSR | 20 FEB | 109.2 | 74.1 | 1199 | 1181 | | |
| 1968 011B | | 3131 | USSR | 20 FEB | 109.2 | 74.1 | 1202 | 1180 | | |
| 1968 012A | NNSS 30180 | 3133 | US | 2 MAR | 106.7 | 90.0 | 1131 | 1014 | | |
| 1968 012B | | 3137 | US | 2 MAR | 106.7 | 90.0 | 1134 | 1017 | | |
| 1968 012C | | 3213 | US | 2 MAR | 104.7 | 90.0 | 1083 | 876 | | |
| 1968 012D | | 3214 | US | 2 MAR | 108.6 | 90.1 | 1306 | 1017 | | |
| 1968 012E | | 18594 | US | 2 MAR | 97.5 | 90.0 | 667 | 614 | | |
| 1968 013A | ZOND 4 | 3134 | USSR | 2 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1968 014A | OGO 5 | 3138 | US | 4 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 014B | | 3145 | US | 4 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 017D | | 3328 | US | 5 MAR | 94.4 | 59.6 | 527 | 452 | | |
| 1968 019B | | 3151 | USSR | 14 MAR | 93.8 | 81.2 | 491 | 430 | | |
| 1968 023A | COSMOS 209 | 3158 | USSR | 22 MAR | 103.0 | 65.3 | 920 | 885 | | |
| 1968 026A | OVI-13 | 3173 | US | 6 APR | 198.8 | 100.0 | 9234 | 576 | | |
| 1968 026B | OVI-14 | 3174 | US | 6 APR | 207.2 | 100.1 | 9842 | 599 | | |
| 1968 026C | | 3177 | US | 6 APR | 207.1 | 100.1 | 9840 | 594 | | |
| 1968 026D | | 3212 | US | 6 APR | 198.4 | 100.0 | 9199 | 581 | | |
| 1968 027A | LUNA 14 | 3178 | USSR | 7 APR | SELENOCENTRIC ORBIT | | | | | |
| 1968 040A | COSMOS 220 | 3229 | USSR | 7 MAY | 98.3 | 74.0 | 708 | 644 | | |
| 1968 040B | | 3230 | USSR | 7 MAY | 98.0 | 74.0 | 694 | 632 | | |
| 1968 042A | | 3266 | US | 23 MAY | 101.9 | 99.0 | 885 | 807 | | |
| 1968 042B | | 3271 | US | 23 MAY | 101.8 | 98.9 | 882 | 805 | | |
| 1968 050A | | 3284 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050B | | 3285 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050C | | 3286 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050D | | 3287 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050E | | 3288 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050F | | 3289 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1968 LAUNCHES (CONT.) | | | | | | | | | | |
| 1968 050G | | 3290 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050H | | 3291 | US | 13 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 050J | | 3292 | US | 13 JUN | 1363.7 | 12.3 | 35029 | 33685 | | |
| 1968 055A | EXPLORER 38 | 3307 | US | 4 JUL | 224.2 | 120.8 | 5873 | 5823 | | |
| 1968 055B | | 3315 | US | 4 JUL | 155.7 | 120.7 | 5735 | 684 | | |
| 1968 055C | | 3344 | US | 4 JUL | 224.1 | 120.8 | 5870 | 5816 | | |
| 1968 055D | | 4441 | US | 4 JUL | 155.3 | 120.8 | 5768 | 620 | | |
| 1968 063A | | 3334 | US | 6 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 066A | EXPLORER 40 | 3338 | US | 8 AUG | 117.9 | 80.7 | 2497 | 678 | | |
| 1968 066C | | 3341 | US | 8 AUG | 117.8 | 80.7 | 2483 | 680 | | |
| 1968 066D | | 3342 | US | 8 AUG | 108.8 | 80.7 | 1703 | 641 | | |
| 1968 066E | | 3343 | US | 8 AUG | 106.0 | 80.5 | 1476 | 608 | | |
| 1968 066F | | 3390 | US | 8 AUG | 109.5 | 80.6 | 1760 | 649 | | |
| 1968 066G | | 3391 | US | 8 AUG | 108.8 | 80.7 | 1707 | 633 | | |
| 1968 066H | | 3392 | US | 8 AUG | 112.0 | 80.7 | 1967 | 666 | | |
| 1968 066J | | 3393 | US | 8 AUG | 110.1 | 80.6 | 1814 | 649 | | |
| 1968 069A | ESSA 7 | 3345 | US | 16 AUG | 114.9 | 101.4 | 1471 | 1428 | | |
| 1968 069B | | 3346 | US | 16 AUG | 114.8 | 101.3 | 1464 | 1426 | | |
| 1968 069C | | 3416 | US | 16 AUG | 113.6 | 101.9 | 1485 | 1300 | | |
| 1968 069D | | 3417 | US | 16 AUG | 116.1 | 102.3 | 1558 | 1454 | | |
| 1968 069E | | 3974 | US | 16 AUG | 114.9 | 102.0 | 1478 | 1420 | | |
| 1968 069F | | 3975 | US | 16 AUG | 114.8 | 101.6 | 1483 | 1413 | | |
| 1968 069G | | 4499 | US | 16 AUG | 115.1 | 101.4 | 1480 | 1435 | | |
| 1968 081A | OV2-5 | 3429 | US | 26 SEP | 1417.9 | 11.5 | 35770 | 35090 | | |
| 1968 081C | ERS 21 | 3430 | US | 26 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1968 081D | LES 6 | 3431 | US | 26 SEP | 1437.1 | 11.8 | 35834 | 35779 | | |
| 1968 081E | | 3432 | US | 26 SEP | 1419.3 | 11.5 | 35818 | 35094 | | |
| 1968 091A | COSMOS 249 | 3504 | USSR | 20 OCT | 111.5 | 62.4 | 2068 | 525 | | |
| 1968 091B - 091P | | | USSR | 20 OCT | SEE NOTE 9* | | | | | 8* |
| 1968 092A | | 3510 | US | 23 OCT | 101.1 | 98.6 | 831 | 785 | | |
| 1968 092B | | 3522 | US | 23 OCT | 101.0 | 98.7 | 827 | 781 | | |
| 1968 097A | COSMOS 252 | 3530 | USSR | 1 NOV | 112.1 | 62.3 | 2083 | 560 | | |
| 1968 097B - 097U | | | USSR | 1 NOV | SEE NOTE 10* | | | | | 10* |
| 1968 100A | PIONEER 9 | 3533 | US | 8 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1968 106A | COSMOS 256 | 3576 | USSR | 30 NOV | 109.3 | 74.1 | 1221 | 1170 | | |
| 1968 106B | | 3577 | USSR | 30 NOV | 109.2 | 74.0 | 1215 | 1162 | | |
| 1968 110A | OAO-A2 | 3597 | US | 7 DEC | 100.0 | 35.0 | 761 | 753 | | |
| 1968 110B | | 3598 | US | 7 DEC | 99.7 | 35.0 | 782 | 702 | | |
| 1968 112B | | 3605 | US | 12 DEC | 114.3 | 80.4 | 1465 | 1379 | | |
| 1968 112C | | 3517 | US | 12 DEC | 114.0 | 80.2 | 1445 | 1372 | | |
| 1968 112D | | 3518 | US | 12 DEC | 114.7 | 80.6 | 1506 | 1373 | | |
| 1968 112E | | 3840 | US | 12 DEC | 114.4 | 80.6 | 1456 | 1401 | | |
| 1968 114A | ESSA 8 | 3615 | US | 15 DEC | 114.6 | 101.7 | 1462 | 1411 | | |
| 1968 114B | | 3616 | US | 15 DEC | 115.0 | 101.7 | 1467 | 1446 | | |
| 1968 114C | | 3811 | US | 15 DEC | 112.8 | 102.0 | 1463 | 1248 | | |
| 1968 114D | | 3812 | US | 15 DEC | 116.3 | 102.5 | 1571 | 1458 | | |
| 1968 116A | INTELSAT 3 F-2 | 3623 | ITSO | 19 DEC | 1475.2 | 13.9 | 37138 | 35957 | | |
| 1968 118B | | 3627 | US | 21 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1969 LAUNCHES | | | | | | | | | | |

## OBJECTS IN ORBIT

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1969 009A | ISIS I | 3659 | CANADA | 30 JAN | 127.8 | 88.4 | 3476 | 575 | | |
| 1969 009B | | 3670 | US | 30 JAN | 126.8 | 88.4 | 3396 | 572 | | |
| 1969 010B | | 3673 | US | 5 FEB | 114.0 | 80.4 | 1431 | 1390 | | |
| 1969 010C | | 3841 | US | 5 FEB | 113.7 | 80.2 | 1421 | 1368 | | |
| 1969 011A | INTELSAT 3 F-3 | 3674 | ITSO | 6 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 011B | | 5977 | US | 6 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 013A | | 3691 | US | 9 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 013B | | 3692 | US | 9 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 014A | MARINER 6 | 3759 | US | 25 FEB | HELIOCENTRIC ORBIT | | | | | |
| 1969 014B | | 3760 | US | 25 FEB | HELIOCENTRIC ORBIT | | | | | |
| 1969 016A | ESSA 9 | 3764 | US | 26 FEB | 115.2 | 101.5 | 1502 | 1423 | | |
| 1969 016B | | 3767 | US | 26 FEB | 115.1 | 101.4 | 1498 | 1418 | | |
| 1969 018B | | 3770 | US | 3 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1969 024A | COSMOS 272 | 3818 | USSR | 17 MAR | 109.2 | 74.0 | 1205 | 1177 | | |
| 1969 024B | | 3819 | USSR | 17 MAR | 109.1 | 74.0 | 1193 | 1178 | | |
| 1969 024C | | 6289 | USSR | 17 MAR | 108.8 | 74.0 | 1184 | 1162 | | |
| 1969 025C | OVI-19 | 3825 | US | 18 MAR | 151.7 | 104.7 | 5604 | 480 | | |
| 1969 025E | | 3827 | US | 18 MAR | 150.7 | 104.7 | 5513 | 488 | | |
| 1969 029A | METEOR | 3835 | USSR | 26 MAR | 96.3 | 81.2 | 598 | 566 | | |
| 1969 030A | MARINER 7 | 3837 | US | 27 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1969 030B | | 3845 | US | 27 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1969 036A | | 3889 | US | 13 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 037A | NIMBUS 3 | 3890 | US | 14 APR | 107.2 | 99.9 | 1129 | 1069 | | |
| 1969 037B | SECOR (EGRS) 13 | 3891 | US | 14 APR | 107.2 | 99.9 | 1127 | 1067 | | |
| 1969 037C | | 3892 | US | 14 APR | 107.3 | 100.0 | 1132 | 1072 | | |
| 1969 043B | | 3943 | US | 18 MAY | HELIOCENTRIC ORBIT | | | | | |
| 1969 043C | LM/DESCENT | 3948 | US | 18 MAY | SELENOCENTRIC ORBIT | | | | | |
| 1969 043D | LM/ASCENT | 3949 | US | 18 MAY | HELIOCENTRIC ORBIT | | | | | |
| 1969 045A | INTELSAT 3 F-4 | 3947 | ITSO | 22 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 046A | OV5-5/ERS-29 | 3950 | US | 23 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 046B | OV5-6 | 3951 | US | 23 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 046C | OV5-9 | 3952 | US | 23 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 046D | | 3954 | US | 23 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 046E | | 3955 | US | 23 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 046F | | 3956 | US | 23 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 053B | | 3993 | US | 21 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 059B | | 4040 | US | 16 JUL | HELIOCENTRIC ORBIT | | | | | |
| 1969 059C | LUNAR MODULE | 4041 | US | 16 JUL | SELENOCENTRIC ORBIT | | | | | 9* |
| 1969 062A | | 4047 | US | 23 JUL | 101.0 | 98.9 | 837 | 769 | | |
| 1969 062B | | 4048 | US | 23 JUL | 100.9 | 99.8 | 832 | 767 | | |
| 1969 064C | | 4053 | US | 26 JUL | 125.4 | 30.3 | 3577 | 263 | | |
| 1969 069A | ATS 5 | 4058 | US | 12 AUG | 1447.5 | 12.9 | 36023 | 35994 | | |
| 1969 069B | | 4059 | US | 12 AUG | 703.3 | 17.8 | 37300 | 2337 | | |
| 1969 069C | | 5991 | US | 12 AUG | 682.2 | 17.2 | 36497 | 2086 | | |
| 1969 069D | | 21052 | US | 12 AUG | 1466.7 | 13.1 | 36931 | 35837 | | |
| 1969 070A | COSMOS 292 | 4070 | USSR | 13 AUG | 99.4 | 74.0 | 736 | 724 | | |
| 1969 070B | | 4071 | USSR | 13 AUG | 99.1 | 74.1 | 726 | 703 | | |
| 1969 070C | | 4084 | USSR | 13 AUG | 99.7 | 74.1 | 761 | 729 | | |
| 1969 070D | | 18912 | USSR | 13 AUG | 98.7 | 74.0 | 729 | 660 | | |
| 1969 082B | | 4256 | US | 30 SEP | 103.2 | 70.0 | 924 | 891 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1969 LAUNCHES (CONT.) | | | | | | | | | | |
| 1969 082C | | 4257 | US | 30 SEP | 103.3 | 70.0 | 929 | 896 | | |
| 1969 082D | | 4259 | US | 30 SEP | 103.3 | 70.0 | 930 | 898 | | |
| 1969 082E | | 4237 | US | 30 SEP | 103.3 | 70.0 | 929 | 897 | | |
| 1969 082F | | 4247 | US | 30 SEP | 103.3 | 70.0 | 929 | 896 | | |
| 1969 082G | | 4295 | US | 30 SEP | 103.3 | 70.0 | 929 | 897 | | |
| 1969 082H | | 4168 | US | 30 SEP | 103.3 | 70.0 | 928 | 897 | | |
| 1969 082J | | 4165 | US | 30 SEP | 101.4 | 70.0 | 838 | 813 | | |
| 1969 082K | | 4132 | US | 30 SEP | 102.3 | 70.0 | 882 | 853 | | |
| 1969 082L - 082LF | | | US | 30 SEP | SEE NOTE | 11* | | | | 11* |
| 1969 084A | METEOR | 4119 | USSR | 6 OCT | 95.8 | 81.2 | 575 | 543 | | |
| 1969 084B | | 4120 | USSR | 6 OCT | 95.1 | 81.2 | 574 | 472 | | |
| 1969 091A | COSMOS 304 | 4133 | USSR | 21 OCT | 99.6 | 74.0 | 750 | 732 | | |
| 1969 091B | | 4139 | USSR | 21 OCT | 99.0 | 74.0 | 715 | 708 | | |
| 1969 097A | GRS-A/AZUR | 4221 | FRG | 8 NOV | 112.2 | 102.7 | 2283 | 375 | | |
| 1969 097B | | 4222 | US | 8 NOV | 104.2 | 102.8 | 1556 | 359 | | |
| 1969 099B | | 4226 | US | 14 NOV | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 101A | SKYNET A | 4250 | UK | 22 NOV | 1436.0 | 12.1 | 36058 | 35512 | | |
| 1969 101B | | 4251 | US | 22 NOV | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1969 103A | COSMOS 312 | 4254 | USSR | 24 NOV | 108.5 | 74.0 | 1174 | 1138 | | |
| 1969 103B | | 4255 | USSR | 24 NOV | 108.3 | 74.0 | 1156 | 1139 | | |
| 1970 LAUNCHES | | | | | | | | | | |
| 1970 003A | INTELSAT 3 F-5 | 4297 | ITSO | 15 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 003B | | 4298 | US | 15 JAN | 530.3 | 28.0 | 30303 | 346 | | |
| 1970 008A | ITOS 1 | 4320 | US | 23 JAN | 115.0 | 101.3 | 1477 | 1431 | | |
| 1970 008B | OSCAR 5 | 4321 | AUSTRL | 23 JAN | 115.0 | 101.3 | 1476 | 1431 | | |
| 1970 008C | | 4322 | US | 23 JAN | 115.0 | 101.3 | 1478 | 1431 | | |
| 1970 009A | SERT 2 | 4327 | US | 4 FEB | 106.0 | 99.1 | 1045 | 1038 | | |
| 1970 011A | OHSUMI | 4330 | JAPAN | 11 FEB | 118.3 | 31.1 | 2879 | 329 | | |
| 1970 012A | | 4331 | US | 11 FEB | 100.8 | 99.0 | 845 | 751 | | |
| 1970 012B | | 4332 | US | 11 FEB | 100.9 | 98.8 | 847 | 754 | | |
| 1970 021A | NATO 1 | 4353 | NATO | 20 MAR | 1436.0 | 11.9 | 35929 | 35639 | | |
| 1970 021B | | 4354 | US | 20 MAR | 576.1 | 26.1 | 32631 | 483 | | |
| 1970 021C | | 5975 | US | 20 MAR | 550.9 | 25.6 | 31437 | 327 | | |
| 1970 025A | NIMBUS 4 | 4352 | US | 8 APR | 107.1 | 99.8 | 1097 | 1085 | | |
| 1970 025B | TOPO 1 | 4363 | US | 8 APR | 106.9 | 99.7 | 1085 | 1081 | | |
| 1970 025C - 025QF | | | US | 8 APR | SEE NOTE | 12* | | | | 12* |
| 1970 027A | | 4366 | US | 8 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 027B | | 4368 | US | 8 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 029A | COSMOS 332 | 4369 | USSR | 11 APR | 99.5 | 74.0 | 740 | 730 | | |
| 1970 029B | | 4370 | USSR | 11 APR | 99.2 | 74.0 | 733 | 708 | | |
| 1970 028C | | 14814 | USSR | 11 APR | 98.9 | 74.0 | 713 | 698 | | |
| 1970 032A | INTELSAT 3 F-7 | 4376 | ITSO | 23 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 032B | | 4377 | US | 23 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 034A | MAO 1 | 4382 | PRC | 24 APR | 111.9 | 68.4 | 2198 | 432 | | |
| 1970 034B | | 4392 | PRC | 24 APR | 102.8 | 68.4 | 1362 | 417 | | |
| 1970 036A | COSMOS 336 | 4383 | USSR | 25 APR | 115.4 | 74.0 | 1484 | 1461 | | |
| 1970 036B | COSMOS 337 | 4384 | USSR | 25 APR | 116.2 | 74.0 | 1551 | 1465 | | |
| 1970 036C | COSMOS 338 | 4385 | USSR | 25 APR | 115.8 | 74.0 | 1515 | 1466 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1970 LAUNCHES (CONT.) | | | | | | | | | | |
| 1970 036D | COSMOS 339 | 4385 | USSR | 25 APR | 115.0 | 74.0 | 1467 | 1443 | | |
| 1970 036E | COSMOS 340 | 4387 | USSR | 25 APR | 114.6 | 74.0 | 1467 | 1405 | | |
| 1970 036F | COSMOS 341 | 4388 | USSR | 25 APR | 113.9 | 74.0 | 1467 | 1340 | | |
| 1970 036G | COSMOS 342 | 4389 | USSR | 25 APR | 113.5 | 74.0 | 1466 | 1309 | | |
| 1970 036H | COSMOS 343 | 4390 | USSR | 25 APR | 114.2 | 74.0 | 1466 | 1372 | | |
| 1970 036J | | 4391 | USSR | 25 APR | 116.6 | 74.0 | 1586 | 1466 | | |
| 1970 037A | METEOR | 4393 | USSR | 28 APR | 96.3 | 81.2 | 607 | 556 | | |
| 1970 037B | | 4394 | USSR | 28 APR | 96.9 | 81.2 | 683 | 533 | | |
| 1970 046A | | 4418 | US | 19 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 046B | | 4511 | US | 19 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 047A | METEOR | 4419 | USSR | 23 JUN | 101.8 | 81.2 | 874 | 816 | | |
| 1970 047B | | 4420 | USSR | 23 JUN | 102.1 | 81.2 | 921 | 790 | | |
| 1970 055A | INTELSAT 3 F-3 | 4478 | ITSO | 23 JUL | 1408.2 | 13.4 | 36640 | 33836 | | |
| 1970 055B | | 4496 | US | 23 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 062A | SKYNET B | 4493 | UK | 19 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 067A | NNSS 30190 | 4507 | US | 27 AUG | 106.7 | 90.1 | 1204 | 945 | | |
| 1970 067B | | 4515 | US | 27 AUG | 106.8 | 90.1 | 1207 | 948 | | |
| 1970 067C | | 5036 | US | 27 AUG | 103.0 | 90.1 | 918 | 882 | | |
| 1970 067D | | 5447 | US | 27 AUG | 109.2 | 90.1 | 1432 | 945 | | |
| 1970 069A | | 4510 | US | 1 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1970 070A | | 4512 | US | 3 SEP | 100.7 | 98.8 | 842 | 742 | | |
| 1970 070B | | 4513 | US | 3 SEP | 100.8 | 98.9 | 846 | 744 | | |
| 1970 079A | COSMOS 367 | 4564 | USSR | 3 OCT | 104.5 | 65.3 | 1020 | 918 | | |
| 1970 083A | COSMOS 371 | 4578 | USSR | 12 OCT | 99.4 | 74.0 | 732 | 726 | | |
| 1970 083B | | 4579 | USSR | 12 OCT | 99.1 | 74.0 | 726 | 709 | | |
| 1970 085A | METEOR | 4583 | USSR | 15 OCT | 94.8 | 81.2 | 512 | 509 | | |
| 1970 085B | | 4584 | USSR | 15 OCT | 95.3 | 81.2 | 588 | 482 | | |
| 1970 086A | COSMOS 372 | 4588 | USSR | 16 OCT | 100.4 | 74.1 | 788 | 770 | | |
| 1970 086B | | 4589 | USSR | 16 OCT | 100.2 | 74.1 | 784 | 753 | | |
| 1970 086C | | 5357 | USSR | 16 OCT | 98.8 | 74.0 | 706 | 693 | | |
| 1970 086D | | 5358 | USSR | 16 OCT | 99.5 | 74.1 | 738 | 729 | | |
| 1970 089A | COSMOS 374 | 4594 | USSR | 23 OCT | 107.7 | 63.0 | 1676 | 560 | | |
| 1970 089B - 089DG | | | USSR | 23 OCT | SEE NOTE 13* | | | | | 13* |
| 1970 091A | COSMOS 375 | 4598 | USSR | 30 OCT | 111.4 | 62.8 | 2035 | 542 | | |
| 1970 091B - 091AX | | | USSR | 30 OCT | SEE NOTE 15* | | | | | 15* |
| 1970 093A | | 4630 | US | 6 NOV | 1198.1 | 16.0 | 36114 | 25862 | | |
| 1970 093B | | 4632 | US | 6 NOV | 1197.7 | 16.0 | 36126 | 25836 | | |
| 1970 102A | COSMOS 381 | 4783 | USSR | 2 DEC | 104.8 | 74.0 | 1005 | 961 | | |
| 1970 102B | | 4784 | USSR | 2 DEC | 104.6 | 74.0 | 996 | 959 | | |
| 1970 102C | | 4840 | USSR | 2 DEC | 99.6 | 74.0 | 751 | 727 | | |
| 1970 102D | | 5225 | USSR | 2 DEC | 104.1 | 74.0 | 965 | 937 | | |
| 1970 102E | | 8764 | USSR | 2 DEC | 104.2 | 74.0 | 974 | 941 | | |
| 1970 102F | | 9794 | USSR | 2 DEC | 100.7 | 74.0 | 800 | 786 | | |
| 1970 103A | COSMOS 382 | 4786 | USSR | 2 DEC | 171.0 | 55.9 | 5255 | 2399 | | |
| 1970 103B | | 4789 | USSR | 2 DEC | 158.8 | 51.6 | 5084 | 1588 | | |
| 1970 103C | | 4790 | USSR | 2 DEC | 159.1 | 51.6 | 5086 | 1611 | | |
| 1970 103G | | 12854 | USSR | 2 DEC | 145.5 | 50.4 | 4558 | 1014 | | |
| 1970 106A | NOAA 1 | 4793 | US | 11 DEC | 114.8 | 101.3 | 1471 | 1421 | | |
| 1970 106B | | 4794 | US | 11 DEC | 114.9 | 101.3 | 1477 | 1420 | | |
| 1970 106C | | 8828 | US | 11 DEC | 116.4 | 102.3 | 1542 | 1493 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1970 LAUNCHES (CONT.) | | | | | | | | | | |
| 1970 108A | COSMOS 385 | 4799 | USSR | 12 DEC | 104.6 | 74.0 | 978 | 973 | | |
| 1970 108B | | 4800 | USSR | 12 DEC | 104.5 | 74.0 | 976 | 963 | | |
| 1970 109B | | 4802 | FRANCE | 12 DEC | 96.8 | 15.0 | 640 | 572 | | |
| 1970 113A | COSMOS 389 | 4813 | USSR | 18 DEC | 96.3 | 81.2 | 595 | 567 | | |
| 1970 113B | | 4814 | USSR | 18 DEC | 96.7 | 81.2 | 648 | 556 | | |
| 1971 LAUNCHES | | | | | | | | | | |
| 1971 000A | | 4924 | US | UNKN | 95.6 | 18.0 | 906 | 192 | | 14* |
| 1971 003A | METEOR | 4849 | USSR | 20 JAN | 96.0 | 81.2 | 571 | 559 | | |
| 1971 003B | | 4850 | USSR | 20 JAN | 95.9 | 81.2 | 615 | 506 | | |
| 1971 003C | | 18277 | USSR | 20 JAN | 95.2 | 81.2 | 575 | 481 | | |
| 1971 006A | INTELSAT 4 F-2 | 4881 | ITSO | 26 JAN | 1457.0 | 11.3 | 36239 | 36149 | | |
| 1971 006B | | 4882 | US | 26 JAN | 653.5 | 27.6 | 36501 | 633 | | |
| 1971 009A | NATO 2 | 4902 | NATO | 3 FEB | 1436.1 | 12.3 | 35869 | 35704 | | |
| 1971 009B | | 4903 | US | 3 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1971 009D | | 5986 | US | 3 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1971 010A | COSMOS 394 | 4922 | USSR | 9 FEB | 95.6 | 65.8 | 570 | 524 | | |
| 1971 011A | TANSEI 1 | 4952 | JAPAN | 16 FEB | 106.1 | 29.7 | 1106 | 987 | | |
| 1971 011B | | 5126 | JAPAN | 16 FEB | 104.8 | 29.7 | 994 | 975 | | |
| 1971 012A | | 4953 | US | 17 FEB | 100.3 | 98.7 | 804 | 745 | | |
| 1971 012B | | 4954 | US | 17 FEB | 100.4 | 98.7 | 806 | 750 | | |
| 1971 015A | COSMOS 397 | 4964 | USSR | 25 FEB | 113.2 | 65.7 | 2178 | 567 | | |
| 1971 015B - 015DV | | | USSR | 25 FEB | SEE NOTE 16* | | | | | 16* |
| 1971 016A | COSMOS 398 | 4966 | USSR | 26 FEB | 125.0 | 51.5 | 3612 | 197 | | |
| 1971 020A | COSMOS 400 | 5050 | USSR | 18 MAR | 104.9 | 65.8 | 1002 | 979 | | |
| 1971 020B | | 5051 | USSR | 18 MAR | 104.7 | 65.8 | 1026 | 936 | | |
| 1971 020C | | 5052 | USSR | 18 MAR | 104.9 | 65.8 | 999 | 979 | | |
| 1971 021A | | 5053 | US | 21 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1971 021B | | 5054 | US | 21 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1971 024A | ISIS 2 | 5104 | CANADA | 1 APR | 113.5 | 88.2 | 1423 | 1353 | | |
| 1971 024B | | 5106 | US | 1 APR | 113.5 | 88.2 | 1418 | 1352 | | |
| 1971 024C | | 5360 | US | 1 APR | 113.5 | 88.3 | 1421 | 1356 | | |
| 1971 025A | COSMOS 402 | 5105 | USSR | 1 APR | 104.9 | 65.0 | 1009 | 968 | | |
| 1971 028A | COSMOS 405 | 5117 | USSR | 7 APR | 97.0 | 81.2 | 619 | 610 | | |
| 1971 028B | | 5118 | USSR | 7 APR | 97.2 | 81.2 | 676 | 570 | | |
| 1971 028D | | 5724 | USSR | 7 APR | 96.5 | 81.2 | 591 | 586 | | |
| 1971 031B | | 5143 | USSR | 17 APR | 95.2 | 81.2 | 571 | 487 | | |
| 1971 035A | COSMOS 407 | 5174 | USSR | 23 APR | 100.6 | 74.0 | 803 | 774 | | |
| 1971 035B | | 5175 | USSR | 23 APR | 100.4 | 74.0 | 802 | 756 | | |
| 1971 035C | | 5300 | USSR | 23 APR | 99.7 | 74.0 | 756 | 735 | | |
| 1971 035D | | 5301 | USSR | 23 APR | 100.1 | 74.0 | 776 | 748 | | |
| 1971 038A | COSMOS 409 | 5180 | USSR | 28 APR | 109.2 | 74.0 | 1209 | 1174 | | |
| 1971 038B | | 5181 | USSR | 28 APR | 109.0 | 74.0 | 1223 | 1139 | | |
| 1971 039A | | 5204 | US | 5 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 039B | | 5205 | US | 5 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 041A | COSMOS 411 | 5210 | USSR | 7 MAY | 113.8 | 74.0 | 1488 | 1314 | | |
| 1971 041B | COSMOS 412 | 5211 | USSR | 7 MAY | 116.1 | 74.0 | 1533 | 1478 | | |
| 1971 041C | COSMOS 413 | 5212 | USSR | 7 MAY | 115.7 | 74.0 | 1506 | 1471 | | |
| 1971 041D | COSMOS 414 | 5213 | USSR | 7 MAY | 115.1 | 74.0 | 1491 | 1425 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1971 LAUNCHES (CONT.) | | | | | | | | | | |
| 1971 041E | COSMOS 415 | 5214 | USSR | 7 MAY | 115.4 | 74.0 | 1498 | 1448 | | |
| 1971 041F | COSMOS 416 | 5215 | USSR | 7 MAY | 114.4 | 74.0 | 1490 | 1368 | | |
| 1971 041G | COSMOS 417 | 5216 | USSR | 7 MAY | 114.1 | 74.0 | 1490 | 1340 | | |
| 1971 041H | COSMOS 418 | 5217 | USSR | 7 MAY | 114.8 | 74.0 | 1491 | 1396 | | |
| 1971 041J | | 5218 | USSR | 7 MAY | 116.8 | 74.0 | 1590 | 1485 | | |
| 1971 045A | MARS 2 | 5234 | USSR | 19 MAY | AREOCENTRIC ORBIT | | | | | |
| 1971 046A | COSMOS 422 | 5238 | USSR | 22 MAY | 105.0 | 74.0 | 1003 | 981 | | |
| 1971 046B | | 5239 | USSR | 22 MAY | 104.8 | 74.0 | 994 | 978 | | |
| 1971 049A | MARS 3 | 5252 | USSR | 28 MAY | AREOCENTRIC ORBIT | | | | | |
| 1971 051A | MARINER 9 | 5261 | US | 30 MAY | AREOCENTRIC ORBIT | | | | | |
| 1971 051B | | 5267 | US | 30 MAY | HELIOCENTRIC ORBIT | | | | | |
| 1971 052A | COSMOS 426 | 5281 | USSR | 4 JUN | 101.4 | 74.0 | 1289 | 362 | | |
| 1971 052B | | 5282 | USSR | 4 JUN | 102.2 | 74.0 | 1360 | 364 | | |
| 1971 059A | METEOR | 5327 | USSR | 16 JUL | 92.6 | 81.2 | 407 | 398 | | |
| 1971 059B | | 5328 | USSR | 16 JUL | 95.4 | 81.2 | 588 | 492 | | |
| 1971 063D | APOLLO 15 SUBSATELLITE | 5377 | US | 26 JUL | SELENOCENTRIC ORBIT | | | | | |
| 1971 067B | OV1-21 | 5397 | US | 7 AUG | 101.7 | 87.6 | 901 | 776 | | |
| 1971 067E | | 5398 | US | 7 AUG | 101.2 | 87.6 | 866 | 761 | | |
| 1971 067J | | 5405 | US | 7 AUG | 98.3 | 87.6 | 706 | 643 | | |
| 1971 067K | | 5395 | US | 7 AUG | 101.1 | 87.6 | 860 | 759 | | |
| 1971 067L | | 5399 | US | 7 AUG | 98.5 | 87.6 | 718 | 656 | | |
| 1971 067M | | 5400 | US | 7 AUG | 98.4 | 87.6 | 711 | 648 | | |
| 1971 067N | | 5384 | US | 7 AUG | 101.4 | 87.6 | 886 | 765 | | |
| 1971 069C | | 5426 | USSR | 12 AUG | 99.8 | 49.5 | 835 | 664 | | |
| 1971 071A | EOLE 1 | 5435 | FRANCE | 16 AUG | 99.9 | 50.2 | 847 | 656 | | |
| 1971 071B | | 5438 | US | 16 AUG | 99.8 | 50.2 | 842 | 653 | | |
| 1971 071C | | 5440 | US | 16 AUG | 97.5 | 50.7 | 700 | 577 | | |
| 1971 073B | | 5449 | USSR | 2 SEP | SELENOCENTRIC ORBIT | | | | | |
| 1971 080A | SHINSEI | 5485 | JAPAN | 28 SEP | 113.1 | 32.1 | 1867 | 872 | | |
| 1971 080B | | 5498 | JAPAN | 28 SEP | 111.9 | 32.0 | 1756 | 871 | | |
| 1971 082A | LUNA 19 | 5488 | USSR | 28 SEP | SELENOCENTRIC ORBIT | | | | | |
| 1971 082C | | 5490 | USSR | 28 SEP | SELENOCENTRIC ORBIT | | | | | |
| 1971 086A | COSMOS 444 | 5547 | USSR | 13 OCT | 114.1 | 74.0 | 1506 | 1319 | | |
| 1971 086B | COSMOS 445 | 5548 | USSR | 13 OCT | 114.4 | 74.0 | 1509 | 1348 | | |
| 1971 086C | COSMOS 446 | 5549 | USSR | 13 OCT | 114.8 | 74.0 | 1509 | 1379 | | |
| 1971 086D | COSMOS 447 | 5550 | USSR | 13 OCT | 115.1 | 74.0 | 1512 | 1408 | | |
| 1971 086E | COSMOS 448 | 5551 | USSR | 13 OCT | 115.5 | 74.0 | 1515 | 1438 | | |
| 1971 086F | COSMOS 449 | 5552 | USSR | 13 OCT | 116.2 | 74.0 | 1540 | 1480 | | |
| 1971 086G | COSMOS 450 | 5553 | USSR | 13 OCT | 115.8 | 74.0 | 1527 | 1460 | | |
| 1971 086H | COSMOS 451 | 5554 | USSR | 13 OCT | 116.6 | 74.0 | 1571 | 1487 | | |
| 1971 086J | | 5555 | USSR | 13 OCT | 117.3 | 74.0 | 1621 | 1501 | | |
| 1971 087A | | 5557 | US | 14 OCT | 101.2 | 99.2 | 854 | 775 | | |
| 1971 087B | | 5556 | US | 14 OCT | 101.4 | 99.1 | 871 | 776 | | |
| 1971 089A | | 5560 | US | 17 OCT | 99.9 | 92.7 | 768 | 741 | | |
| 1971 093A | PROSPERO | 5580 | UK | 28 OCT | 104.7 | 82.1 | 1431 | 532 | | |
| 1971 093B | | 5581 | UK | 28 OCT | 104.8 | 82.1 | 1439 | 533 | | |
| 1971 095A | | 5587 | US | 3 NOV | 1436.2 | 12.1 | 35812 | 35765 | | |
| 1971 095B | | 5588 | US | 3 NOV | 1435.5 | 12.0 | 35782 | 35768 | | |
| 1971 095C | | 5589 | US | 3 NOV | 1481.7 | 12.7 | 37391 | 35958 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1971 LAUNCHES (CONT.) | | | | | | | | | | |
| 1971 096A | EXPLORER 45 | 5598 | US | 15 NOV | 322.8 | 3.2 | 18149 | 272 | | |
| 1971 099A | COSMOS 457 | 5614 | USSR | 20 NOV | 109.4 | 74.0 | 1215 | 1181 | | |
| 1971 099B | | 5615 | USSR | 20 NOV | 109.3 | 74.0 | 1208 | 1175 | | |
| 1971 110A | | 5678 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 110B | | 5679 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 110C | | 5680 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 110D | | 5681 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 110E | | 5682 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1971 111A | COSMOS 465 | 5683 | USSR | 15 DEC | 104.8 | 74.0 | 1004 | 965 | | |
| 1971 111B | | 5685 | USSR | 15 DEC | 104.6 | 74.0 | 993 | 960 | | |
| 1971 114A | COSMOS 468 | 5705 | USSR | 17 DEC | 100.5 | 74.0 | 793 | 769 | | |
| 1971 114B | | 5707 | USSR | 17 DEC | 100.4 | 74.0 | 794 | 756 | | |
| 1971 114C | | 5778 | USSR | 17 DEC | 100.0 | 74.0 | 766 | 746 | | |
| 1971 114D | | 5858 | USSR | 17 DEC | 99.9 | 74.0 | 759 | 743 | | |
| 1971 116A | INTELSAT 4 F-3 | 5709 | ITSO | 20 DEC | 1445.5 | 8.9 | 36013 | 35926 | | |
| 1971 117A | COSMOS 469 | 5721 | USSR | 25 DEC | 104.7 | 64.5 | 1026 | 929 | | |
| 1971 119A | OREOL 1 | 5729 | USSR | 27 DEC | 109.7 | 73.9 | 2039 | 389 | | |
| 1971 119B | | 5730 | USSR | 27 DEC | 109.1 | 73.9 | 1983 | 388 | | |
| 1971 120A | METEOR | 5731 | USSR | 29 DEC | 102.5 | 81.3 | 912 | 838 | | |
| 1971 120B | | 5732 | USSR | 29 DEC | 102.1 | 81.3 | 873 | 839 | | |
| 1971 120C | | 8826 | USSR | 29 DEC | 101.1 | 81.2 | 826 | 797 | | |
| 1971 120D | | 8827 | USSR | 29 DEC | 102.0 | 81.3 | 860 | 841 | | |
| 1971 120F | | 15344 | USSR | 29 DEC | 99.6 | 81.2 | 754 | 726 | | |
| 1972 LAUNCHES | | | | | | | | | | |
| 1972 003A | INTELSAT 4 F-4 | 5775 | ITSO | 23 JAN | 1442.6 | 8.3 | 35924 | 35902 | | |
| 1972 003B | | 5816 | US | 23 JAN | 653.1 | 27.6 | 36560 | 555 | | |
| 1972 007B | | 5836 | USSR | 14 FEB | SELENOCENTRIC ORBIT | | | | | |
| 1972 009A | COSMOS 475 | 5846 | USSR | 25 FEB | 104.7 | 74.0 | 994 | 961 | | |
| 1972 009D | | 5847 | USSR | 25 FEB | 104.4 | 74.0 | 989 | 945 | | |
| 1972 010A | | 5851 | US | 1 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1972 010B | | 5854 | US | 1 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1972 011A | COSMOS 476 | 5852 | USSR | 1 MAR | 93.0 | 81.2 | 424 | 413 | | |
| 1972 011B | | 5853 | USSR | 1 MAR | 94.6 | 81.2 | 528 | 469 | | |
| 1972 012A | PIONEER 10 | 5860 | US | 3 MAR | SOLAR SYSTEM ESCAPE TRAJECTORY | | | | | |
| 1972 012B | | 5861 | US | 3 MAR | HELIOCENTRIC ORBIT | | | | | |
| 1972 018A | | 5903 | US | 24 MAR | 101.4 | 98.9 | 861 | 784 | | |
| 1972 018B | | 5904 | US | 24 MAR | 101.3 | 98.9 | 856 | 785 | | |
| 1972 019A | COSMOS 480 | 5905 | USSR | 25 MAR | 109.1 | 83.0 | 1196 | 1170 | | |
| 1972 019D | | 5907 | USSR | 25 MAR | 108.9 | 83.0 | 1190 | 1161 | | |
| 1972 022A | METEOR | 5917 | USSR | 30 MAR | 102.3 | 81.2 | 879 | 855 | | |
| 1972 022B | | 5918 | USSR | 30 MAR | 102.5 | 81.2 | 918 | 833 | | |
| 1972 023E | | 6073 | USSR | 31 MAR | 161.7 | 52.1 | 6690 | 215 | | |
| 1972 029A | PROGNOZ | 5941 | USSR | 14 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1972 031C | LUNAR MODULE | 6005 | US | 16 APR | SELENOCENTRIC ORBIT | | | | | 9* |
| 1972 035A | COSMOS 499 | 6019 | USSR | 6 MAY | 104.7 | 74.0 | 997 | 960 | | |
| 1972 035B | | 6020 | USSR | 6 MAY | 104.5 | 74.0 | 985 | 954 | | |
| 1972 041A | INTELSAT 4 F-5 | 6052 | ITSO | 13 JUN | 1438.7 | 9.3 | 35855 | 35819 | | |
| 1972 041B | | 6058 | US | 13 JUN | 650.5 | 26.4 | 36462 | 520 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1972 LAUNCHES (CONT.) | | | | | | | | | | |
| 1972 043A | COSMOS 494 | 6059 | USSR | 23 JUN | 100.5 | 74.1 | 789 | 773 | | |
| 1972 043B | | 6061 | USSR | 23 JUN | 100.2 | 74.1 | 785 | 754 | | |
| 1972 043C | | 6063 | USSR | 23 JUN | 99.7 | 74.0 | 750 | 736 | | |
| 1972 043D | | 6065 | USSR | 23 JUN | 100.0 | 74.1 | 770 | 742 | | |
| 1972 049A | METEOR | 6079 | USSR | 30 JUN | 102.7 | 81.2 | 894 | 877 | | |
| 1972 049B | | 6080 | USSR | 30 JUN | 102.8 | 81.2 | 927 | 857 | | |
| 1972 049C | | 20348 | USSR | 30 JUN | 102.8 | 81.2 | 927 | 856 | | |
| 1972 057A | COSMOS 504 | 6117 | USSR | 20 JUL | 113.9 | 74.0 | 1493 | 1320 | | |
| 1972 057B | COSMOS 505 | 6118 | USSR | 20 JUL | 114.3 | 74.0 | 1494 | 1350 | | |
| 1972 057C | COSMOS 506 | 6119 | USSR | 20 JUL | 114.6 | 74.0 | 1495 | 1379 | | |
| 1972 057D | COSMOS 507 | 6120 | USSR | 20 JUL | 114.9 | 74.0 | 1495 | 1408 | | |
| 1972 057E | COSMOS 508 | 6121 | USSR | 20 JUL | 115.3 | 74.0 | 1494 | 1440 | | |
| 1972 057F | COSMOS 509 | 6122 | USSR | 20 JUL | 115.6 | 74.0 | 1496 | 1471 | | |
| 1972 057G | COSMOS 510 | 6123 | USSR | 20 JUL | 116.0 | 74.0 | 1508 | 1493 | | |
| 1972 057H | COSMOS 511 | 6124 | USSR | 20 JUL | 116.4 | 74.0 | 1542 | 1493 | | |
| 1972 057J | | 6125 | USSR | 20 JUL | 117.0 | 74.0 | 1599 | 1490 | | |
| 1972 058A | LANDSAT 1 | 6126 | US | 23 JUL | 103.1 | 99.3 | 908 | 897 | | |
| 1972 058B - 058JL | | | US | 23 JUL | SEE NOTE | 17* | | | | 17* |
| 1972 062A | COSMOS 514 | 6148 | USSR | 16 AUG | 104.2 | 83.0 | 966 | 950 | | |
| 1972 062B | | 6149 | USSR | 16 AUG | 104.2 | 83.0 | 962 | 947 | | |
| 1972 062C | | 6277 | USSR | 16 AUG | 104.1 | 82.9 | 956 | 945 | | |
| 1972 062D | | 7560 | USSR | 16 AUG | 102.8 | 83.0 | 941 | 839 | | |
| 1972 065A | COPERNICUS | 6153 | US | 21 AUG | 99.3 | 35.0 | 727 | 718 | | |
| 1972 065B | | 6155 | US | 21 AUG | 98.9 | 35.0 | 741 | 669 | | |
| 1972 066A | COSMOS 516 | 6154 | USSR | 21 AUG | 104.5 | 64.8 | 1033 | 911 | | |
| 1972 069A | TRIAD 01-1X | 6173 | US | 2 SEP | 100.0 | 90.0 | 802 | 711 | | |
| 1972 069B | | 6180 | US | 2 SEP | 99.6 | 90.0 | 779 | 697 | | |
| 1972 069C | | 6250 | US | 2 SEP | 98.3 | 89.7 | 719 | 634 | | |
| 1972 072A | COSMOS 520 | 6192 | USSR | 19 SEP | 715.3 | 67.8 | 36597 | 3632 | | |
| 1972 072B | | 6302 | USSR | 19 SEP | 706.7 | 67.7 | 36137 | 3669 | | |
| 1972 073A | EXPLORER 47 | 6197 | US | 23 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1972 074A | COSMOS 521 | 6206 | USSR | 29 SEP | 104.9 | 65.8 | 1005 | 975 | | |
| 1972 074B | | 6207 | USSR | 29 SEP | 104.7 | 65.8 | 994 | 968 | | |
| 1972 074C | | 6210 | USSR | 29 SEP | 104.9 | 65.8 | 1005 | 972 | | |
| 1972 076A | | 6212 | US | 2 OCT | 97.8 | 98.6 | 662 | 648 | | |
| 1972 076B | | 6217 | US | 2 OCT | 98.9 | 98.6 | 712 | 696 | | |
| 1972 076C | | 6218 | US | 2 OCT | 99.2 | 98.5 | 728 | 709 | | |
| 1972 076D | | 6221 | US | 2 OCT | 97.4 | 98.6 | 643 | 628 | | |
| 1972 079C | | 6822 | US | 10 OCT | 114.7 | 95.7 | 1464 | 1416 | | |
| 1972 079D | | 6823 | US | 10 OCT | 114.7 | 95.8 | 1485 | 1402 | | |
| 1972 079E | | 6824 | US | 10 OCT | 114.6 | 95.5 | 1444 | 1430 | | |
| 1972 082A | NOAA 2 | 6235 | US | 15 OCT | 114.9 | 101.9 | 1453 | 1446 | | |
| 1972 082B | AMSAT-OSCAR 6 | 6236 | US | 15 OCT | 114.9 | 101.9 | 1453 | 1446 | | |
| 1972 082C | | 6237 | US | 15 OCT | 109.2 | 102.8 | 1464 | 915 | | |
| 1972 085A | METEOR | 6256 | USSR | 26 OCT | 102.3 | 81.2 | 882 | 852 | | |
| 1972 085B | | 6257 | USSR | 26 OCT | 102.4 | 81.3 | 916 | 831 | | |
| 1972 087A | COSMOS 528 | 6262 | USSR | 1 NOV | 114.1 | 74.0 | 1466 | 1364 | | |
| 1972 087B | COSMOS 529 | 6264 | USSR | 1 NOV | 114.5 | 74.0 | 1466 | 1400 | | |
| 1972 087C | COSMOS 530 | 6265 | USSR | 1 NOV | 113.7 | 74.0 | 1466 | 1330 | | |
| 1972 087D | COSMOS 531 | 6266 | USSR | 1 NOV | 114.7 | 74.0 | 1466 | 1419 | | |

OBJECTS IN ORBIT

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1972 LAUNCHES (CONT.) | | | | | | | | | | |
| 1972 087E | COSMOS 532 | 6267 | USSR | 1 NOV | 113.4 | 74.0 | 1465 | 1298 | | |
| 1972 087F | COSMOS 533 | 6268 | USSR | 1 NOV | 113.6 | 74.0 | 1466 | 1314 | | |
| 1972 087G | COSMOS 534 | 6269 | USSR | 1 NOV | 113.9 | 74.0 | 1466 | 1347 | | |
| 1972 087H | COSMOS 535 | 6270 | USSR | 1 NOV | 114.3 | 74.0 | 1467 | 1381 | | |
| 1972 087J | | 6271 | USSR | 1 NOV | 116.6 | 74.0 | 1592 | 1464 | | |
| 1972 089A | | 6275 | US | 9 NOV | 101.2 | 98.8 | 844 | 788 | | |
| 1972 089B | | 6276 | US | 9 NOV | 101.5 | 98.8 | 855 | 800 | | |
| 1972 090A | ANIK A1 | 6278 | CANADA | 10 NOV | 1457.2 | 9.3 | 36258 | 36136 | | |
| 1972 097A | NIMBUS 5 | 6305 | US | 11 DEC | 107.1 | 99.7 | 1099 | 1086 | | |
| 1972 097B | | 6306 | US | 11 DEC | 111.7 | 99.8 | 1514 | 1098 | | |
| 1972 101A | | 6317 | US | 20 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1972 101B | | 6318 | US | 20 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1972 102A | COSMOS 539 | 6319 | USSR | 21 DEC | 112.9 | 74.0 | 1377 | 1340 | | |
| 1972 102B | | 6320 | USSR | 21 DEC | 112.7 | 74.0 | 1371 | 1333 | | |
| 1972 104A | COSMOS 540 | 6323 | USSR | 25 DEC | 100.4 | 74.1 | 792 | 765 | | |
| 1972 104B | | 6324 | USSR | 25 DEC | 100.1 | 74.1 | 770 | 755 | | |
| 1972 104C | | 6391 | USSR | 25 DEC | 99.2 | 74.1 | 725 | 710 | | |
| 1972 104D | | 6396 | USSR | 25 DEC | 99.1 | 74.0 | 724 | 704 | | |
| 1973 LAUNCHES | | | | | | | | | | |
| 1973 005A | COSMOS 546 | 6350 | USSR | 26 JAN | 95.8 | 50.7 | 574 | 544 | | |
| 1973 009A | PROGNOZ 3 | 6364 | USSR | 15 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1973 013A | | 6380 | US | 6 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1973 015A | METEOR | 6392 | USSR | 20 MAR | 102.4 | 81.2 | 881 | 861 | | |
| 1973 015B | | 6393 | USSR | 20 MAR | 102.5 | 81.3 | 923 | 834 | | |
| 1973 019A | PIONEER 11 | 6421 | US | 6 APR | SOLAR SYSTEM ESCAPE TRAJECTORY | | | | | |
| 1973 019B | | 6425 | US | 6 APR | HELIOCENTRIC ORBIT | | | | | |
| 1973 023A | ANIK A2 | 6437 | CANADA | 20 APR | 1442.8 | 8.1 | 35954 | 35883 | | |
| 1973 034A | METEOR | 6659 | USSR | 29 MAY | 102.2 | 81.2 | 881 | 844 | | |
| 1973 034B | | 6660 | USSR | 29 MAY | 102.5 | 81.2 | 910 | 841 | | |
| 1973 037A | COSMOS 564 | 6675 | USSR | 8 JUN | 114.6 | 74.0 | 1478 | 1392 | | |
| 1973 037B | COSMOS 565 | 6676 | USSR | 8 JUN | 115.3 | 74.0 | 1487 | 1447 | | |
| 1973 037C | COSMOS 566 | 6677 | USSR | 8 JUN | 115.0 | 74.0 | 1480 | 1431 | | |
| 1973 037D | COSMOS 567 | 6678 | USSR | 8 JUN | 114.8 | 74.0 | 1481 | 1410 | | |
| 1973 037E | COSMOS 568 | 6679 | USSR | 8 JUN | 114.4 | 74.0 | 1479 | 1372 | | |
| 1973 037F | COSMOS 569 | 6680 | USSR | 8 JUN | 114.2 | 74.0 | 1478 | 1354 | | |
| 1973 037G | COSMOS 570 | 6681 | USSR | 8 JUN | 113.9 | 74.0 | 1479 | 1334 | | |
| 1973 037H | COSMOS 571 | 6682 | USSR | 8 JUN | 113.7 | 74.0 | 1477 | 1316 | | |
| 1973 037J | | 6683 | USSR | 8 JUN | 116.8 | 74.0 | 1594 | 1481 | | |
| 1973 039A | EXPLORER 49 | 6686 | US | 10 JUN | SELENOCENTRIC ORBIT | | | | | |
| 1973 039D | | 6689 | US | 10 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1973 039F | | 6725 | US | 10 JUN | SELENOCENTRIC ORBIT | | | | | |
| 1973 039G | | 6726 | US | 10 JUN | SELENOCENTRIC ORBIT | | | | | |
| 1973 040A | | 6691 | US | 12 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1973 040B | | 11940 | US | 12 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1973 042A | COSMOS 574 | 6707 | USSR | 20 JUN | 105.0 | 82.9 | 1007 | 977 | | |
| 1973 042B | | 6708 | USSR | 20 JUN | 104.8 | 83.0 | 995 | 977 | | |
| 1973 047A | MARS 4 | 6742 | USSR | 21 JUL | HELIOCENTRIC ORBIT | | | | | |
| 1973 049A | MARS 5 | 6754 | USSR | 25 JUL | AREOCENTRIC ORBIT | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1973 LAUNCHES (CONT.) | | | | | | | | | | |
| 1973 052A | MARS 6 | 6768 | USSR | 5 AUG | AREOCENTRIC ORBIT | | | | | |
| 1973 053A | MARS 7 | 6776 | USSR | 9 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1973 053D | CAPSULE | 7224 | USSR | 9 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1973 054A | | 6787 | US | 17 AUG | 101.0 | 98.8 | 824 | 784 | | |
| 1973 054B | | 6788 | US | 17 AUG | 101.1 | 98.8 | 832 | 792 | | |
| 1973 056A | | 6791 | US | 21 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1973 056B | | 6792 | US | 21 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1973 058A | INTELSAT 4 F-7 | 6796 | ITSO | 23 AUG | 1452.4 | 8.3 | 36158 | 36053 | | |
| 1973 058B | | 6797 | US | 23 AUG | 652.5 | 26.9 | 36599 | 482 | | |
| 1973 064A | COSMOS 585 | 6825 | USSR | 8 SEP | 113.5 | 74.0 | 1402 | 1373 | | |
| 1973 064B | | 6826 | USSR | 8 SEP | 113.4 | 74.0 | 1403 | 1358 | | |
| 1973 065A | COSMOS 586 | 6828 | USSR | 14 SEP | 104.7 | 82.9 | 1002 | 959 | | |
| 1973 065B | | 6829 | USSR | 14 SEP | 104.6 | 82.9 | 993 | 957 | | |
| 1973 069A | COSMOS 588 | 6845 | USSR | 2 OCT | 115.3 | 74.0 | 1491 | 1446 | | |
| 1973 069B | COSMOS 589 | 6846 | USSR | 2 OCT | 114.9 | 74.0 | 1487 | 1412 | | |
| 1973 069C | COSMOS 590 | 6847 | USSR | 2 OCT | 115.1 | 74.0 | 1485 | 1431 | | |
| 1973 069D | COSMOS 591 | 6848 | USSR | 2 OCT | 114.1 | 74.0 | 1483 | 1345 | | |
| 1973 069E | COSMOS 592 | 6849 | USSR | 2 OCT | 113.9 | 74.0 | 1482 | 1329 | | |
| 1973 069F | COSMOS 593 | 6850 | USSR | 2 OCT | 114.3 | 74.0 | 1483 | 1362 | | |
| 1973 069G | COSMOS 594 | 6851 | USSR | 2 OCT | 114.5 | 74.0 | 1483 | 1378 | | |
| 1973 069H | COSMOS 595 | 6852 | USSR | 2 OCT | 114.7 | 74.0 | 1484 | 1395 | | |
| 1973 069J | | 6853 | USSR | 2 OCT | 117.1 | 74.0 | 1619 | 1483 | | |
| 1973 078A | EXPLORER 50 | 6893 | US | 26 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1973 078C | | 6895 | US | 26 OCT | 100.0 | 28.8 | 1181 | 340 | | |
| 1973 078D | | 6896 | US | 26 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1973 080A | COSMOS 604 | 6907 | USSR | 29 OCT | 93.4 | 81.2 | 446 | 433 | | |
| 1973 080B | | 6908 | USSR | 29 OCT | 94.0 | 81.2 | 492 | 446 | | |
| 1973 081A | NNSS 30200 | 6909 | US | 30 OCT | 105.3 | 89.9 | 1126 | 886 | | |
| 1973 081B | | 6910 | US | 30 OCT | 105.3 | 89.9 | 1128 | 887 | | |
| 1973 081C | | 15764 | US | 30 OCT | 105.8 | 90.5 | 1174 | 891 | | |
| 1973 084A | COSMOS 606 | 6916 | USSR | 2 NOV | 716.9 | 68.3 | 37169 | 3142 | | |
| 1973 084D | | 6939 | USSR | 2 NOV | 706.5 | 67.8 | 36962 | 2836 | | |
| 1973 085A | MARINER 10 | 6919 | US | 3 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1973 086A | NOAA 3 | 6920 | US | 6 NOV | 116.1 | 102.1 | 1508 | 1499 | | |
| 1973 086B - | 086HF | | US | 6 NOV | SEE NOTE | 18* | | | | 18* |
| 1973 088D | | 6938 | US | 10 NOV | 114.5 | 96.9 | 1455 | 1412 | | |
| 1973 088E | | 7559 | US | 10 NOV | 114.6 | 96.8 | 1476 | 1401 | | |
| 1973 098A | COSMOS 614 | 6965 | USSR | 4 DEC | 100.3 | 74.1 | 789 | 753 | | |
| 1973 098B | | 6966 | USSR | 4 DEC | 100.1 | 74.1 | 781 | 748 | | |
| 1973 098C | | 6967 | USSR | 4 DEC | 98.9 | 74.1 | 716 | 691 | | |
| 1973 098D | | 9569 | USSR | 4 DEC | 99.7 | 74.1 | 760 | 731 | | |
| 1973 100A | | 6973 | US | 13 DEC | 1474.6 | 11.9 | 36683 | 36391 | | |
| 1973 100B | | 6974 | US | 13 DEC | 1436.1 | 11.6 | 35791 | 35780 | | |
| 1973 100D | | 6976 | US | 13 DEC | 1515.0 | 12.5 | 38520 | 36114 | | |
| 1973 104A | COSMOS 617 | 6985 | USSR | 19 DEC | 113.9 | 74.0 | 1481 | 1332 | | |
| 1973 104B | COSMOS 618 | 6986 | USSR | 19 DEC | 115.2 | 74.0 | 1484 | 1442 | | |
| 1973 104C | COSMOS 619 | 6987 | USSR | 19 DEC | 115.0 | 74.0 | 1486 | 1421 | | |
| 1973 104D | COSMOS 620 | 6988 | USSR | 19 DEC | 115.4 | 74.0 | 1491 | 1457 | | |
| 1973 104E | COSMOS 621 | 6989 | USSR | 19 DEC | 114.7 | 74.0 | 1483 | 1403 | | |
| 1973 104F | COSMOS 622 | 6990 | USSR | 19 DEC | 114.3 | 74.0 | 1483 | 1366 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1973 LAUNCHES (CONT.) | | | | | | | | | | |
| 1973 104G | COSMOS 623 | 6991 | USSR | 19 DEC | 114.5 | 74.0 | 1484 | 1384 | | |
| 1973 104H | COSMOS 624 | 6992 | USSR | 19 DEC | 114.1 | 74.0 | 1484 | 1348 | | |
| 1973 104J | | 6993 | USSR | 19 DEC | 117.0 | 74.0 | 1619 | 1474 | | |
| 1973 107A | OREOL 2 | 7003 | USSR | 26 DEC | 104.3 | 74.0 | 1539 | 387 | | |
| 1973 107B | | 7004 | USSR | 26 DEC | 103.7 | 74.0 | 1488 | 382 | | |
| 1973 108A | COSMOS 626 | 7005 | USSR | 27 DEC | 104.0 | 65.4 | 975 | 914 | | |
| 1973 109A | COSMOS 627 | 7008 | USSR | 29 DEC | 104.9 | 82.9 | 1014 | 964 | | |
| 1973 109B | | 7009 | USSR | 29 DEC | 104.6 | 83.0 | 990 | 959 | | |
| 1974 LAUNCHES | | | | | | | | | | |
| 1974 001A | COSMOS 628 | 7094 | USSR | 17 JAN | 104.7 | 83.0 | 1008 | 950 | | |
| 1974 001B | | 7095 | USSR | 17 JAN | 104.5 | 83.0 | 998 | 943 | | |
| 1974 011A | METEOR | 7209 | USSR | 5 MAR | 101.9 | 81.2 | 878 | 822 | | |
| 1974 011B | | 7210 | USSR | 5 MAR | 102.0 | 81.2 | 911 | 793 | | |
| 1974 013A | UK-X4 | 7213 | UK | 9 MAR | 100.4 | 97.8 | 874 | 682 | | |
| 1974 013B | | 7228 | US | 9 MAR | 100.5 | 97.8 | 870 | 692 | | |
| 1974 015A | | 7218 | US | 16 MAR | 101.0 | 99.1 | 850 | 760 | | |
| 1974 015B | | 7219 | US | 16 MAR | 101.2 | 99.0 | 866 | 768 | | |
| 1974 017A | COSMOS 637 | 7229 | USSR | 26 MAR | 1428.9 | 11.9 | 35805 | 35485 | | |
| 1974 017F | | 11567 | USSR | 26 MAR | 1425.7 | 11.9 | 35768 | 35398 | | |
| 1974 020B | | 7244 | US | 10 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1974 022A | WESTAR 1 | 7250 | US | 13 APR | 1441.4 | 7.7 | 35908 | 35870 | | |
| 1974 024A | COSMOS 641 | 7265 | USSR | 23 APR | 114.5 | 74.0 | 1479 | 1386 | | |
| 1974 024B | COSMOS 642 | 7266 | USSR | 23 APR | 113.7 | 74.0 | 1478 | 1316 | | |
| 1974 024C | COSMOS 643 | 7267 | USSR | 23 APR | 114.1 | 74.0 | 1478 | 1351 | | |
| 1974 024D | COSMOS 644 | 7268 | USSR | 23 APR | 113.9 | 74.0 | 1480 | 1332 | | |
| 1974 024E | COSMOS 645 | 7269 | USSR | 23 APR | 114.3 | 74.0 | 1479 | 1367 | | |
| 1974 024F | COSMOS 646 | 7270 | USSR | 23 APR | 114.7 | 74.0 | 1483 | 1401 | | |
| 1974 024G | COSMOS 647 | 7271 | USSR | 23 APR | 114.9 | 74.0 | 1482 | 1420 | | |
| 1974 024H | COSMOS 648 | 7272 | USSR | 23 APR | 115.1 | 74.0 | 1488 | 1434 | | |
| 1974 024J | | 7273 | USSR | 23 APR | 117.0 | 74.0 | 1606 | 1485 | | |
| 1974 025A | METEOR | 7274 | USSR | 24 APR | 102.3 | 81.2 | 882 | 854 | | |
| 1974 025B | | 7275 | USSR | 24 APR | 102.4 | 81.2 | 915 | 831 | | |
| 1974 026A | MOLNIYA 2-9 | 7276 | USSR | 26 APR | 640.7 | 62.3 | 36036 | 445 | | |
| 1974 026E | | 7373 | USSR | 26 APR | 704.6 | 62.7 | 39497 | 204 | | |
| 1974 028A | COSMOS 650 | 7281 | USSR | 29 APR | 113.4 | 74.0 | 1398 | 1366 | | |
| 1974 028B | | 7284 | USSR | 29 APR | 113.2 | 74.1 | 1387 | 1361 | | |
| 1974 029A | COSMOS 651 | 7291 | USSR | 15 MAY | 103.4 | 65.0 | 953 | 885 | | |
| 1974 032A | COSMOS 654 | 7297 | USSR | 17 MAY | 104.4 | 64.9 | 1000 | 931 | | |
| 1974 033A | SMS 1 | 7298 | US | 17 MAY | 1460.3 | 13.6 | 36301 | 36215 | | |
| 1974 037A | LUNA 22 | 7315 | USSR | 29 MAY | SELENOCENTRIC ORBIT | | | | | |
| 1974 039A | ATS 6 | 7318 | US | 30 MAY | 1412.1 | 11.4 | 35451 | 35179 | | |
| 1974 039C | | 7324 | US | 30 MAY | 1430.6 | 11.5 | 35783 | 35574 | | |
| 1974 044A | COSMOS 660 | 7337 | USSR | 18 JUN | 105.1 | 83.0 | 1610 | 385 | | |
| 1974 044B | | 7338 | USSR | 18 JUN | 102.8 | 83.0 | 1392 | 386 | | |
| 1974 048A | COSMOS 663 | 7349 | USSR | 27 JUN | 104.7 | 83.0 | 999 | 961 | | |
| 1974 048B | | 7350 | USSR | 27 JUN | 104.5 | 82.9 | 986 | 960 | | |
| 1974 050A | COSMOS 665 | 7352 | USSR | 29 JUN | 709.6 | 61.8 | 39653 | 298 | | |
| 1974 050C | | 7354 | USSR | 29 JUN | 682.6 | 62.5 | 38557 | 46 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1974 LAUNCHES (CONT.) | | | | | | | | | | |
| 1974 052A | METEOR | 7363 | USSR | 9 JUL | 102.9 | 81.2 | 908 | 883 | | |
| 1974 052B | | 7364 | USSR | 9 JUL | 102.5 | 81.2 | 908 | 845 | | |
| 1974 054A | | 7369 | US | 14 JUL | 468.7 | 125.2 | 13769 | 13450 | | |
| 1974 054C | | 8599 | US | 14 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1974 056A | MOLNIYA 2-10 | 7376 | USSR | 23 JUL | 718.2 | 61.7 | 39408 | 966 | | |
| 1974 056D | | 7382 | USSR | 23 JUL | 731.9 | 61.9 | 40291 | 758 | | |
| 1974 060A | MOLNIYA 1-S | 7392 | USSR | 29 JUL | 1435.8 | 12.2 | 35836 | 35726 | | |
| 1974 060F | | 20836 | USSR | 29 JUL | 1437.1 | 12.2 | 35907 | 35703 | | |
| 1974 063A | | 7411 | US | 9 AUG | 101.2 | 98.8 | 848 | 784 | | |
| 1974 063B | | 7412 | US | 9 AUG | 101.4 | 98.8 | 856 | 788 | | |
| 1974 066A | COSMOS 673 | 7417 | USSR | 16 AUG | 91.4 | 81.1 | 347 | 339 | | |
| 1974 066B | | 7418 | USSR | 16 AUG | 94.9 | 81.2 | 534 | 491 | | |
| 1974 066C | | 8424 | USSR | 16 AUG | 91.2 | 81.2 | 337 | 325 | | |
| 1974 069A | COSMOS 675 | 7424 | USSR | 29 AUG | 113.6 | 74.1 | 1421 | 1361 | | |
| 1974 069B | | 7426 | USSR | 29 AUG | 113.5 | 74.1 | 1420 | 1351 | | |
| 1974 071A | COSMOS 676 | 7433 | USSR | 11 SEP | 100.7 | 74.0 | 802 | 780 | | |
| 1974 071B | | 7434 | USSR | 11 SEP | 100.5 | 74.0 | 799 | 766 | | |
| 1974 071C | | 8756 | USSR | 11 SEP | 99.9 | 74.1 | 758 | 744 | | |
| 1974 071D | | 8829 | USSR | 11 SEP | 100.4 | 74.1 | 792 | 762 | | |
| 1974 072A | COSMOS 677 | 7435 | USSR | 19 SEP | 114.4 | 74.0 | 1465 | 1394 | | |
| 1974 072B | COSMOS 678 | 7436 | USSR | 19 SEP | 115.9 | 74.0 | 1529 | 1465 | | |
| 1974 072C | COSMOS 679 | 7437 | USSR | 19 SEP | 115.7 | 74.0 | 1508 | 1464 | | |
| 1974 072D | COSMOS 680 | 7438 | USSR | 19 SEP | 115.5 | 74.0 | 1489 | 1464 | | |
| 1974 072E | COSMOS 681 | 7439 | USSR | 19 SEP | 115.3 | 74.0 | 1470 | 1463 | | |
| 1974 072F | COSMOS 682 | 7440 | USSR | 19 SEP | 115.1 | 74.0 | 1463 | 1451 | | |
| 1974 072G | COSMOS 683 | 7441 | USSR | 19 SEP | 114.8 | 74.0 | 1463 | 1432 | | |
| 1974 072H | COSMOS 684 | 7442 | USSR | 19 SEP | 114.6 | 74.0 | 1464 | 1413 | | |
| 1974 072J | | 7443 | USSR | 19 SEP | 117.7 | 74.0 | 1682 | 1472 | | |
| 1974 075A | WESTAR 2 | 7466 | US | 10 OCT | 1442.2 | 7.5 | 35926 | 35885 | | |
| 1974 075C | | 7468 | US | 10 OCT | 234.4 | 24.3 | 12223 | 204 | | |
| 1974 079A | COSMOS 689 | 7476 | USSR | 18 OCT | 104.9 | 82.9 | 1014 | 969 | | |
| 1974 079B | | 7477 | USSR | 18 OCT | 104.8 | 82.9 | 1011 | 959 | | |
| 1974 083A | METEOR | 7490 | USSR | 28 OCT | 102.2 | 81.2 | 890 | 836 | | |
| 1974 083B | | 7493 | USSR | 28 OCT | 102.3 | 81.2 | 903 | 835 | | |
| 1974 083C | | 15521 | USSR | 28 OCT | 102.3 | 81.2 | 901 | 835 | | |
| 1974 089A | NOAA 4 | 7529 | US | 15 NOV | 114.9 | 101.8 | 1457 | 1442 | | |
| 1974 089B | AMSAT-OSCAR 7 | 7530 | US | 15 NOV | 114.8 | 101.8 | 1457 | 1437 | | |
| 1974 089C | INTASAT | 7531 | SPAIN | 15 NOV | 114.8 | 101.8 | 1457 | 1439 | | |
| 1974 089D - | 089FF | | US | 15 NOV | SEE NOTE 19* | | | | | 19* |
| 1974 092E | | 7546 | USSR | 21 NOV | 733.3 | 64.5 | 40785 | 330 | | |
| 1974 093A | INTELSAT 4 F-3 | 7544 | ITSO | 21 NOV | 1443.1 | 6.6 | 35958 | 35888 | | |
| 1974 093B | | 7545 | US | 21 NOV | 652.6 | 26.3 | 36493 | 596 | | |
| 1974 094A | SKYNET 2B | 7547 | UK | 23 NOV | 1435.5 | 10.4 | 35802 | 35748 | | |
| 1974 097A | HELIOS 1 | 7567 | FRG | 10 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1974 097B | | 7568 | US | 10 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1974 097C | | 7569 | US | 10 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1974 097D | | 7570 | FRG | 10 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1974 099A | METEOR | 7574 | USSR | 17 DEC | 102.1 | 81.2 | 871 | 846 | | |
| 1974 099B | | 7575 | USSR | 17 DEC | 102.1 | 81.2 | 896 | 821 | | |
| 1974 101A | SYMPHONIE-A | 7578 | FR/FRG | 19 DEC | 1440.7 | 10.5 | 35899 | 35853 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1974 LAUNCHES (CONT.) | | | | | | | | | | |
| 1974 101G | | 9330 | US | 19 DEC | 655.8 | 12.9 | 36855 | 396 | | |
| 1974 102D | | 7586 | USSR | 21 DEC | 438.5 | 62.0 | 25389 | 92 | | |
| 1974 105A | COSMOS 700 | 7593 | USSR | 26 DEC | 104.6 | 82.9 | 993 | 958 | | |
| 1974 105B | | 7594 | USSR | 26 DEC | 104.5 | 82.9 | 980 | 958 | | |
| 1975 LAUNCHES | | | | | | | | | | |
| 1975 004A | LANDSAT 2 | 7615 | US | 22 JAN | 103.1 | 98.8 | 912 | 900 | | |
| 1975 004B - | 004HR | | US | 22 JAN | SEE NOTE | | 20* | | | 20* |
| 1975 007A | COSMOS 706 | 7625 | USSR | 30 JAN | 718.1 | 67.7 | 33885 | 6485 | | |
| 1975 007D | | 7629 | USSR | 30 JAN | 716.9 | 67.6 | 34549 | 5763 | | |
| 1975 009D | | 7653 | USSR | 6 FEB | 685.8 | 64.1 | 38462 | 304 | | |
| 1975 010A | STARLETTE | 7646 | FRANCE | 6 FEB | 104.2 | 49.8 | 1107 | 806 | | |
| 1975 010B | | 7647 | FRANCE | 6 FEB | 104.4 | 49.8 | 1127 | 802 | | |
| 1975 010C | | 7654 | FRANCE | 6 FEB | 103.7 | 49.8 | 1069 | 796 | | |
| 1975 010D | | 7655 | FRANCE | 6 FEB | 103.8 | 49.8 | 1076 | 795 | | |
| 1975 010E | | 7659 | FRANCE | 6 FEB | 103.9 | 49.8 | 1089 | 795 | | |
| 1975 011A | SMS 2 | 7648 | US | 6 FEB | 1447.1 | 10.0 | 36075 | 35927 | | |
| 1975 011F | | 20835 | US | 6 FEB | 1460.7 | 11.8 | 36670 | 35863 | | |
| 1975 012A | COSMOS 708 | 7663 | USSR | 12 FEB | 113.5 | 69.2 | 1407 | 1367 | | |
| 1975 012B | | 7665 | USSR | 12 FEB | 113.3 | 69.2 | 1396 | 1363 | | |
| 1975 016A | COSMOS 711 | 7678 | USSR | 28 FEB | 115.4 | 74.0 | 1490 | 1460 | | |
| 1975 016B | COSMOS 712 | 7679 | USSR | 28 FEB | 114.9 | 74.0 | 1488 | 1408 | | |
| 1975 016C | COSMOS 713 | 7680 | USSR | 28 FEB | 114.7 | 74.0 | 1486 | 1392 | | |
| 1975 016D | COSMOS 714 | 7681 | USSR | 28 FEB | 115.2 | 74.0 | 1489 | 1443 | | |
| 1975 016E | COSMOS 715 | 7682 | USSR | 28 FEB | 115.7 | 74.0 | 1502 | 1468 | | |
| 1975 016F | COSMOS 716 | 7683 | USSR | 28 FEB | 115.9 | 74.0 | 1512 | 1477 | | |
| 1975 016G | COSMOS 717 | 7684 | USSR | 28 FEB | 116.1 | 74.0 | 1534 | 1477 | | |
| 1975 016H | COSMOS 718 | 7685 | USSR | 28 FEB | 115.0 | 74.0 | 1488 | 1426 | | |
| 1975 016J | | 7686 | USSR | 28 FEB | 117.9 | 74.0 | 1718 | 1456 | | |
| 1975 017A | | 7687 | US | 10 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 017B | | 7688 | US | 10 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 023A | METEOR | 7714 | USSR | 1 APR | 102.3 | 81.2 | 885 | 853 | | |
| 1975 023B | | 7715 | USSR | 1 APR | 102.4 | 81.2 | 910 | 834 | | |
| 1975 024A | COSMOS 723 | 7718 | USSR | 2 APR | 103.6 | 64.7 | 977 | 884 | | |
| 1975 025A | COSMOS 724 | 7727 | USSR | 7 APR | 103.0 | 65.6 | 947 | 849 | | |
| 1975 027A | GEOS 3 | 7734 | US | 9 APR | 101.6 | 115.0 | 851 | 817 | | |
| 1975 027B | | 7735 | US | 9 APR | 101.3 | 115.0 | 853 | 786 | | |
| 1975 027C | | 10728 | US | 9 APR | 101.5 | 115.2 | 856 | 800 | | |
| 1975 027E | | 10730 | US | 9 APR | 103.6 | 115.0 | 1002 | 850 | | |
| 1975 028A | COSMOS 726 | 7736 | USSR | 11 APR | 104.5 | 83.0 | 989 | 951 | | |
| 1975 028B | | 7737 | USSR | 11 APR | 104.4 | 83.0 | 979 | 950 | | |
| 1975 029D | | 7741 | USSR | 14 APR | 726.6 | 62.3 | 40651 | 139 | | |
| 1975 033A | ARIABAT | 7752 | INDIA | 19 APR | 93.0 | 50.7 | 427 | 419 | | |
| 1975 034A | COSMOS 729 | 7768 | USSR | 22 APR | 104.9 | 83.0 | 1004 | 971 | | |
| 1975 034B | | 7769 | USSR | 22 APR | 104.8 | 83.0 | 995 | 970 | | |
| 1975 036A | MOLNIYA 1-29 | 7780 | USSR | 29 APR | 717.8 | 62.7 | 39930 | 423 | | |
| 1975 036D | | 7800 | USSR | 29 APR | 732.9 | 63.3 | 40532 | 563 | | |
| 1975 038A | ANIK A3 | 7790 | CANADA | 7 MAY | 1439.2 | 6.8 | 35849 | 35844 | | |
| 1975 038D | | 7794 | US | 7 MAY | 413.8 | 24.5 | 23756 | 274 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1975 LAUNCHES (CONT.) | | | | | | | | | | |
| 1975 042A | INTELSAT 4 F-1 | 7815 | ITSO | 22 MAY | 1450.8 | 6.6 | 36128 | 36019 | | |
| 1975 042B | | 7902 | US | 22 MAY | 653.4 | 25.5 | 36583 | 544 | | |
| 1975 043A | | 7816 | US | 24 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1975 043B | | 7817 | US | 24 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1975 045A | COSMOS 732 | 7820 | USSR | 28 MAY | 114.6 | 74.0 | 1468 | 1401 | | |
| 1975 045B | COSMOS 733 | 7822 | USSR | 28 MAY | 116.2 | 74.0 | 1552 | 1468 | | |
| 1975 045C | COSMOS 734 | 7823 | USSR | 28 MAY | 115.0 | 74.0 | 1469 | 1442 | | |
| 1975 045D | COSMOS 735 | 7824 | USSR | 28 MAY | 115.2 | 74.0 | 1471 | 1459 | | |
| 1975 045E | COSMOS 736 | 7825 | USSR | 28 MAY | 115.5 | 74.0 | 1484 | 1467 | | |
| 1975 045F | COSMOS 737 | 7826 | USSR | 28 MAY | 115.9 | 74.0 | 1526 | 1468 | | |
| 1975 045G | COSMOS 738 | 7827 | USSR | 28 MAY | 115.7 | 74.0 | 1507 | 1467 | | |
| 1975 045H | COSMOS 739 | 7828 | USSR | 28 MAY | 114.8 | 74.0 | 1469 | 1422 | | |
| 1975 045J | | 7831 | USSR | 28 MAY | 117.9 | 74.0 | 1692 | 1483 | | |
| 1975 049B | SRET 2 | 7910 | FRANCE | 5 JUN | 737.8 | 62.8 | 40825 | 513 | | |
| 1975 050A | VENERA 9 | 7915 | USSR | 8 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1975 051C | SSU 1 | 7937 | US | 8 JUN | 113.5 | 95.1 | 1392 | 1384 | | |
| 1975 051D | | 7938 | US | 8 JUN | 113.2 | 95.0 | 1403 | 1342 | | |
| 1975 051E | | 7939 | US | 8 JUN | 113.9 | 95.2 | 1426 | 1380 | | |
| 1975 052A | NIMBUS 6 | 7924 | US | 12 JUN | 107.4 | 99.7 | 1111 | 1099 | | |
| 1975 052B | | 7946 | US | 12 JUN | 107.2 | 99.6 | 1099 | 1091 | | |
| 1975 054A | VENERA 10 | 7947 | USSR | 14 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1975 055A | | 7963 | US | 18 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 055B | | 7964 | US | 18 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 056A | COSMOS 744 | 7968 | USSR | 20 JUN | 92.8 | 81.2 | 421 | 402 | | |
| 1975 056B | | 7969 | USSR | 20 JUN | 95.1 | 81.3 | 541 | 501 | | |
| 1975 063A | MOLNIYA 2-13 | 8015 | USSR | 8 JUL | 716.5 | 62.9 | 39860 | 429 | | |
| 1975 063D | | 8018 | USSR | 8 JUL | 733.0 | 63.4 | 40543 | 558 | | |
| 1975 064A | METEOR 2 | 8026 | USSR | 11 JUL | 102.2 | 81.3 | 879 | 845 | | |
| 1975 064B | | 8027 | USSR | 11 JUL | 102.4 | 81.3 | 909 | 831 | | |
| 1975 064C | | 8039 | USSR | 11 JUL | 102.2 | 81.3 | 877 | 851 | | |
| 1975 064D | | 8110 | USSR | 11 JUL | 102.1 | 81.3 | 883 | 832 | | |
| 1975 072A | COS-B | 8062 | ESA | 9 AUG | 2203.9 | 90.3 | 99002 | 442 | | |
| 1975 072B | | 8063 | US | 9 AUG | 122.9 | 89.2 | 3305 | 319 | | |
| 1975 074A | COSMOS 755 | 8072 | USSR | 14 AUG | 104.8 | 82.9 | 1005 | 966 | | |
| 1975 074B | | 8073 | USSR | 14 AUG | 104.7 | 82.9 | 994 | 963 | | |
| 1975 075A | VIKING ORBITER 1 | 8108 | US | 20 AUG | AREOCENTRIC ORBIT | | | | | |
| 1975 075B | | 8111 | US | 20 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1975 076A | COSMOS 756 | 8127 | USSR | 22 AUG | 94.2 | 81.2 | 484 | 470 | | |
| 1975 076B | | 8128 | USSR | 22 AUG | 95.5 | 81.2 | 568 | 514 | | |
| 1975 077A | SYMPHONIE-B | 8132 | FR/FRG | 27 AUG | 1440.3 | 10.8 | 35879 | 35857 | | |
| 1975 077B | | 8133 | US | 27 AUG | 103.9 | 25.3 | 1480 | 400 | | |
| 1975 077C | | 8134 | US | 27 AUG | 643.2 | 12.9 | 36190 | 416 | | |
| 1975 081A | MOLNIYA 2-14 | 8195 | USSR | 9 SEP | 717.8 | 62.4 | 39938 | 417 | | |
| 1975 081D | | 8418 | USSR | 9 SEP | 733.5 | 63.2 | 40712 | 416 | | |
| 1975 082A | KIKU | 8197 | JAPAN | 9 SEP | 106.0 | 47.0 | 1103 | 976 | | |
| 1975 082B | | 8352 | JAPAN | 9 SEP | 105.9 | 47.0 | 1100 | 974 | | |
| 1975 083A | VIKING ORBITER 2 | 8199 | US | 9 SEP | AREOCENTRIC ORBIT | | | | | |
| 1975 083B | | 8272 | US | 9 SEP | HELIOCENTRIC ORBIT | | | | | |
| 1975 086A | COSMOS 761 | 8285 | USSR | 17 SEP | 114.6 | 74.0 | 1480 | 1397 | | |
| 1975 086B | COSMOS 762 | 8286 | USSR | 17 SEP | 115.1 | 74.0 | 1483 | 1435 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1975 LAUNCHES (CONT.) | | | | | | | | | | |
| 1975 086C | COSMOS 763 | 8287 | USSR | 17 SEP | 115.8 | 74.0 | 1507 | 1472 | | |
| 1975 086D | COSMOS 764 | 8288 | USSR | 17 SEP | 116.0 | 74.0 | 1524 | 1476 | | |
| 1975 086E | COSMOS 765 | 8289 | USSR | 17 SEP | 116.3 | 74.0 | 1548 | 1476 | | |
| 1975 086F | COSMOS 766 | 8290 | USSR | 17 SEP | 114.9 | 74.0 | 1483 | 1415 | | |
| 1975 086G | COSMOS 767 | 8291 | USSR | 17 SEP | 115.3 | 74.0 | 1485 | 1453 | | |
| 1975 086H | COSMOS 768 | 8292 | USSR | 17 SEP | 115.5 | 74.0 | 1489 | 1469 | | |
| 1975 086J | | 8295 | USSR | 17 SEP | 117.8 | 74.0 | 1682 | 1480 | | |
| 1975 087A | METEOR | 8293 | USSR | 18 SEP | 102.1 | 81.3 | 912 | 799 | | |
| 1975 087B | | 8294 | USSR | 18 SEP | 102.3 | 81.3 | 913 | 818 | | |
| 1975 089A | COSMOS 770 | 8325 | USSR | 24 SEP | 109.1 | 83.0 | 1204 | 1163 | | |
| 1975 089B | | 8326 | USSR | 24 SEP | 108.9 | 83.0 | 1195 | 1160 | | |
| 1975 091A | INTELSAT 4A F-1 | 8330 | ITSO | 26 SEP | 1440.9 | 6.6 | 35896 | 35865 | | |
| 1975 091B | | 8331 | US | 26 SEP | 652.9 | 22.4 | 36575 | 527 | | |
| 1975 094A | COSMOS 773 | 8343 | USSR | 30 SEP | 100.5 | 74.1 | 792 | 774 | | |
| 1975 094B | | 8344 | USSR | 30 SEP | 100.3 | 74.1 | 792 | 756 | | |
| 1975 094C | | 8346 | USSR | 30 SEP | 98.8 | 74.0 | 710 | 690 | | |
| 1975 094D | | 14865 | USSR | 30 SEP | 100.1 | 74.0 | 768 | 761 | | |
| 1975 097A | COSMOS 775 | 8357 | USSR | 8 OCT | 1435.1 | 11.8 | 35813 | 35718 | | |
| 1975 097E | | 8415 | USSR | 8 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 097F | | 11676 | USSR | 8 OCT | 1438.6 | 11.8 | 35984 | 35688 | | |
| 1975 099A | TIP 2 | 8361 | US | 12 OCT | 92.2 | 90.4 | 403 | 365 | | |
| 1975 100A | GOES 1 | 8366 | US | 16 OCT | 1435.9 | 10.4 | 35795 | 35771 | | |
| 1975 100C | | 8368 | US | 16 OCT | 160.1 | 23.4 | 6517 | 256 | | |
| 1975 100F | | 20962 | US | 16 OCT | 1412.7 | 11.2 | 36537 | 34117 | | |
| 1975 103A | COSMOS 778 | 8419 | USSR | 4 NOV | 104.8 | 83.0 | 1000 | 965 | | |
| 1975 103B | | 8421 | USSR | 4 NOV | 104.6 | 83.0 | 994 | 959 | | |
| 1975 105A | MOLNIYA 3-3 | 8425 | USSR | 14 NOV | 717.9 | 62.7 | 39906 | 455 | | |
| 1975 105D | | 8462 | USSR | 14 NOV | 733.7 | 63.3 | 40637 | 500 | | |
| 1975 112A | COSMOS 783 | 8458 | USSR | 28 NOV | 100.7 | 74.1 | 799 | 781 | | |
| 1975 112B | | 8459 | USSR | 28 NOV | 100.5 | 74.1 | 793 | 769 | | |
| 1975 112C | | 8757 | USSR | 28 NOV | 99.6 | 74.0 | 743 | 740 | | |
| 1975 112D | | 14801 | USSR | 28 NOV | 100.4 | 74.1 | 786 | 773 | | |
| 1975 112E | | 18500 | USSR | 28 NOV | 100.6 | 74.1 | 800 | 774 | | |
| 1975 116A | COSMOS 785 | 8473 | USSR | 12 DEC | 104.2 | 65.1 | 1005 | 907 | | |
| 1975 117A | RCA SATCOM I | 8476 | US | 13 DEC | 1446.0 | 6.7 | 36087 | 35871 | | |
| 1975 118A | | 8482 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1975 118C | | 8516 | US | 14 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1975 118D | | 8517 | US | 14 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 121A | MOLNIYA 2-15 | 8492 | USSR | 17 DEC | 416.9 | 62.8 | 24113 | 103 | | |
| 1975 122A | PROGNOZ 4 | 8510 | USSR | 22 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1975 123A | RADUGA 1 | 8513 | USSR | 22 DEC | 1436.5 | 11.5 | 35826 | 35760 | | |
| 1975 123D | | 8546 | USSR | 22 DEC | 381.5 | 46.1 | 21718 | 376 | | |
| 1975 123E | | 8547 | USSR | 22 DEC | 362.2 | 46.8 | 20701 | 204 | | |
| 1975 123F | | 11568 | USSR | 22 DEC | 1433.1 | 11.5 | 35797 | 35658 | | |
| 1975 124A | METEOR | 8519 | USSR | 25 DEC | 102.1 | 81.2 | 883 | 837 | | |
| 1975 124B | | 8520 | USSR | 25 DEC | 102.3 | 81.3 | 900 | 830 | | |
| 1976 LAUNCHES | | | | | | | | | | |
| 1976 003A | HELIOS 2 | 8582 | FRG | 15 JAN | HELIOCENTRIC ORBIT | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1976 LAUNCHES (CONT.) | | | | | | | | | | |
| 1976 003B | | 8593 | US | 15 JAN | HELIOCENTRIC ORBIT | | | | | |
| 1976 003C | | 8594 | US | 15 JAN | HELIOCENTRIC ORBIT | | | | | |
| 1976 004A | CTS | 8595 | CANADA | 17 JAN | 1435.3 | 10.9 | 35850 | 35691 | | |
| 1976 005A | COSMOS 789 | 8591 | USSR | 20 JAN | 104.9 | 83.0 | 1011 | 965 | | |
| 1976 005B | | 8597 | USSR | 20 JAN | 104.7 | 83.0 | 1000 | 964 | | |
| 1976 006A | MOLNIYA 1-32 | 8601 | USSR | 22 JAN | 720.2 | 63.3 | 39884 | 587 | | |
| 1976 006D | | 8701 | USSR | 22 JAN | 695.3 | 63.2 | 38716 | 523 | | |
| 1976 008A | COSMOS 791 | 8607 | USSR | 28 JAN | 114.7 | 74.1 | 1484 | 1399 | | |
| 1976 008B | COSMOS 792 | 8608 | USSR | 28 JAN | 115.1 | 74.1 | 1488 | 1434 | | |
| 1976 008C | COSMOS 793 | 8609 | USSR | 28 JAN | 114.9 | 74.1 | 1488 | 1415 | | |
| 1976 008D | COSMOS 794 | 8610 | USSR | 28 JAN | 115.3 | 74.1 | 1491 | 1450 | | |
| 1976 008E | COSMOS 795 | 8611 | USSR | 28 JAN | 115.6 | 74.1 | 1496 | 1465 | | |
| 1976 008F | COSMOS 796 | 8612 | USSR | 28 JAN | 115.8 | 74.1 | 1513 | 1470 | | |
| 1976 008G | COSMOS 797 | 8613 | USSR | 28 JAN | 116.0 | 74.1 | 1526 | 1477 | | |
| 1976 008H | COSMOS 798 | 8614 | USSR | 28 JAN | 116.3 | 74.1 | 1552 | 1476 | | |
| 1976 008J | | 8615 | USSR | 28 JAN | 117.9 | 74.1 | 1693 | 1480 | | |
| 1976 010A | INTELSAT 4A F-2 | 8620 | ITSO | 29 JAN | 1444.6 | 6.8 | 35982 | 35924 | | |
| 1976 010B | | 8621 | US | 29 JAN | 654.0 | 21.2 | 36511 | 647 | | |
| 1976 011A | COSMOS 800 | 8645 | USSR | 3 FEB | 105.0 | 83.0 | 1009 | 975 | | |
| 1976 011B | | 8646 | USSR | 3 FEB | 104.8 | 83.0 | 989 | 982 | | |
| 1976 014A | COSMOS 803 | 8688 | USSR | 12 FEB | 95.5 | 65.9 | 573 | 508 | | |
| 1976 017A | MARISAT 1 | 8697 | US | 19 FEB | 1436.1 | 9.1 | 35798 | 35776 | | |
| 1976 017C | | 8702 | US | 19 FEB | 169.7 | 24.4 | 7301 | 252 | | |
| 1976 019A | UME | 8709 | JAPAN | 29 FEB | 105.1 | 69.7 | 1004 | 988 | | |
| 1976 019B | | 8710 | JAPAN | 29 FEB | 105.1 | 69.7 | 1009 | 990 | | |
| 1976 021A | MOLNIYA 1-33 | 8741 | USSR | 11 MAR | 669.1 | 62.6 | 37773 | 151 | | |
| 1976 021D | | 9411 | USSR | 11 MAR | 726.2 | 62.9 | 40594 | 174 | | |
| 1976 022A | COSMOS 807 | 8744 | USSR | 12 MAR | 105.4 | 83.0 | 1640 | 385 | | |
| 1976 022B | | 8745 | USSR | 12 MAR | 102.6 | 82.9 | 1389 | 372 | | |
| 1976 023A | LES 8 | 8746 | US | 15 MAR | 1436.1 | 19.1 | 35833 | 35739 | | |
| 1976 023B | LES 9 | 8747 | US | 15 MAR | 1436.1 | 19.1 | 35841 | 35732 | | |
| 1976 023C | SOLRAD 11A | 8748 | US | 15 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 023D | SOLRAD 11B | 8749 | US | 15 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 023F | | 8751 | US | 15 MAR | 1465.5 | 19.5 | 36992 | 35729 | | |
| 1976 023G | | 8752 | US | 15 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 023H | | 8753 | US | 15 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 023J | | 8832 | US | 15 MAR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 023K | | 13753 | US | 15 MAR | 1420.9 | 9.4 | 35493 | 35484 | | |
| 1976 024A | COSMOS 808 | 8754 | USSR | 16 MAR | 94.5 | 81.2 | 508 | 485 | | |
| 1976 024B | | 8755 | USSR | 16 MAR | 94.8 | 81.2 | 534 | 483 | | |
| 1976 029A | RCA SATCOM II | 8774 | US | 26 MAR | 1460.1 | 6.3 | 36521 | 35989 | | |
| 1976 032A | METEOR | 8799 | USSR | 7 APR | 102.1 | 81.3 | 881 | 831 | | |
| 1976 032B | | 8800 | USSR | 7 APR | 102.2 | 81.2 | 932 | 792 | | |
| 1976 035A | NATO III-A | 8808 | NATO | 22 APR | 1436.3 | 8.8 | 35800 | 35780 | | |
| 1976 038A | | 8818 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038B | | 8819 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038C | SSU-1 | 8835 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038D | SSU-2 | 8836 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038E | | 8839 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038F | | 8842 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1976 LAUNCHES (CONT.) | | | | | | | | | | |
| 1976 038G | | 8843 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038H | | 8859 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038J | SSU-1 | 9884 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038K | | 9796 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 038L | | 9996 | US | 30 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 039A | LAGEOS | 8820 | US | 4 MAY | 225.4 | 109.8 | 5946 | 5837 | | |
| 1976 039B | | 8821 | US | 4 MAY | 99.3 | 109.6 | 1191 | 259 | | |
| 1976 039C | | 8822 | US | 4 MAY | 225.4 | 109.9 | 5941 | 5837 | | |
| 1976 039D | | 14514 | US | 4 MAY | 110.6 | 110.0 | 2224 | 283 | | |
| 1976 041A | MOLNIYA 3-5 | 8833 | USSR | 12 MAY | 654.3 | 62.0 | 37590 | 93 | | |
| 1976 041D | | 8844 | USSR | 12 MAY | 710.5 | 61.9 | 39885 | 111 | | |
| 1976 042A | COMSTAR 1 | 8838 | US | 13 MAY | 1442.7 | 6.6 | 35925 | 35907 | | |
| 1976 042B | | 8840 | US | 13 MAY | 648.5 | 21.9 | 36231 | 646 | | |
| 1976 043A | METEOR | 8845 | USSR | 15 MAY | 102.1 | 81.3 | 886 | 826 | | |
| 1976 043B | | 8846 | USSR | 15 MAY | 102.3 | 81.2 | 906 | 825 | | |
| 1976 047A | P 76-5 | 8860 | US | 22 MAY | 105.4 | 99.6 | 1047 | 982 | | |
| 1976 047B | | 8861 | US | 22 MAY | 105.5 | 99.5 | 1048 | 985 | | |
| 1976 047C | | 8867 | US | 22 MAY | 106.3 | 99.2 | 1112 | 999 | | |
| 1976 047D | | 8868 | US | 22 MAY | 104.6 | 100.0 | 1013 | 937 | | |
| 1976 050A | | 8871 | US | 2 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 050B | | 8872 | US | 2 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 051A | COSMOS 823 | 8873 | USSR | 2 JUN | 104.9 | 83.0 | 1004 | 970 | | |
| 1976 051B | | 8874 | USSR | 2 JUN | 104.8 | 83.0 | 1001 | 964 | | |
| 1976 053A | MARISAT 2 | 8882 | US | 10 JUN | 1436.1 | 8.2 | 35850 | 35723 | | |
| 1976 053F | | 8910 | US | 10 JUN | 487.5 | 25.2 | 27986 | 296 | | |
| 1976 054A | COSMOS 825 | 8889 | USSR | 15 JUN | 114.6 | 74.0 | 1485 | 1392 | | |
| 1976 054B | COSMOS 826 | 8890 | USSR | 15 JUN | 116.2 | 74.0 | 1542 | 1479 | | |
| 1976 054C | COSMOS 827 | 8891 | USSR | 15 JUN | 114.9 | 74.0 | 1488 | 1410 | | |
| 1976 054D | COSMOS 828 | 8892 | USSR | 15 JUN | 115.1 | 74.0 | 1487 | 1430 | | |
| 1976 054E | COSMOS 829 | 8893 | USSR | 15 JUN | 115.3 | 74.0 | 1489 | 1448 | | |
| 1976 054F | COSMOS 830 | 8894 | USSR | 15 JUN | 115.5 | 74.0 | 1490 | 1466 | | |
| 1976 054G | COSMOS 831 | 8895 | USSR | 15 JUN | 115.7 | 74.0 | 1505 | 1473 | | |
| 1976 054H | COSMOS 832 | 8896 | USSR | 15 JUN | 116.0 | 74.0 | 1518 | 1480 | | |
| 1976 054J | | 8897 | USSR | 15 JUN | 117.9 | 74.0 | 1686 | 1485 | | |
| 1976 059A | | 8916 | US | 26 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 059C | | 8918 | US | 26 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 059D | | 8919 | US | 26 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 061A | COSMOS 836 | 8923 | USSR | 29 JUN | 100.7 | 74.0 | 803 | 775 | | |
| 1976 061B | | 8924 | USSR | 29 JUN | 100.5 | 74.1 | 792 | 769 | | |
| 1976 061C | | 9572 | USSR | 29 JUN | 99.5 | 74.1 | 738 | 730 | | |
| 1976 061D | | 14815 | USSR | 29 JUN | 99.7 | 74.1 | 754 | 730 | | |
| 1976 065C | | 9008 | US | 8 JUL | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 066A | PALAPA 1 | 9009 | INDNSA | 8 JUL | 1438.6 | 6.4 | 35857 | 35815 | | |
| 1976 066C | | 9017 | US | 8 JUL | 343.0 | 24.6 | 19454 | 251 | | |
| 1976 067A | COSMOS 839 | 9011 | USSR | 8 JUL | 115.6 | 65.9 | 2056 | 912 | | |
| 1976 067B - 067BY | | | USSR | 8 JUL | SEE NOTE | | 21* | | | 21* |
| 1976 067BU | | 20030 | USSR | 8 JUL | 118.7 | 65.7 | 2268 | 977 | | |
| 1976 069A | COSMOS 841 | 9022 | USSR | 15 JUL | 100.5 | 74.0 | 790 | 772 | | |
| 1976 069B | | 9023 | USSR | 15 JUL | 100.3 | 74.0 | 786 | 760 | | |
| 1976 069C | | 9704 | USSR | 15 JUL | 99.7 | 74.1 | 749 | 735 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1976 LAUNCHES (CONT.) | | | | | | | | | | |
| 1976 069D | | 13499 | USSR | 15 JUL | 100.5 | 74.1 | 800 | 768 | | |
| 1976 070A | COSMOS 842 | 9025 | USSR | 21 JUL | 104.8 | 83.0 | 1006 | 962 | | |
| 1976 070D | | 9044 | USSR | 21 JUL | 104.6 | 83.0 | 989 | 965 | | |
| 1976 073A | COMSTAR 2 | 9047 | US | 22 JUL | 1436.2 | 6.4 | 35793 | 35784 | | |
| 1976 073B | | 9329 | US | 22 JUL | 645.9 | 22.5 | 36167 | 581 | | |
| 1976 074E | | 9269 | USSR | 23 JUL | 683.5 | 62.6 | 38341 | 307 | | |
| 1976 077A | NOAA 5 | 9057 | US | 29 JUL | 116.2 | 102.0 | 1519 | 1504 | | |
| 1976 077B - 077ER | | | US | 29 JUL | SEE NOTE | | 22* | | | 22* |
| 1976 079A | COSMOS 846 | 9061 | USSR | 29 JUL | 104.6 | 82.9 | 1008 | 945 | | |
| 1976 079D | | 9062 | USSR | 29 JUL | 104.5 | 82.9 | 992 | 947 | | |
| 1976 080A | | 9270 | US | 6 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 080B | | 9271 | US | 6 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 085D | | 9390 | USSR | 27 AUG | 93.4 | 81.1 | 467 | 413 | | |
| 1976 091A | DMSP-F1 | 9415 | US | 11 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 091B | | 9419 | US | 11 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 091C | | 9420 | US | 11 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 091F | | 9484 | US | 11 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 091G | | 9518 | US | 11 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1976 092A | RADUGA 2 | 9416 | USSR | 11 SEP | 1435.8 | 11.2 | 35903 | 35659 | | |
| 1976 092F | | 17472 | USSR | 11 SEP | 1435.9 | 11.2 | 35848 | 35716 | | |
| 1976 098A | COSMOS 858 | 9443 | USSR | 29 SEP | 100.6 | 74.0 | 797 | 775 | | |
| 1976 098B | | 9444 | USSR | 29 SEP | 100.4 | 74.1 | 789 | 768 | | |
| 1976 098C | | 14816 | USSR | 29 SEP | 100.5 | 74.0 | 796 | 766 | | |
| 1976 098D | | 14817 | USSR | 29 SEP | 99.7 | 74.1 | 756 | 727 | | |
| 1976 098E | | 18504 | USSR | 29 SEP | 99.9 | 74.1 | 772 | 738 | | |
| 1976 101A | MARISAT 3 | 9478 | US | 14 OCT | 1436.2 | 9.6 | 35791 | 35784 | | |
| 1976 102A | METEOR | 9481 | USSR | 15 OCT | 102.2 | 81.3 | 889 | 837 | | |
| 1976 102B | | 9482 | USSR | 15 OCT | 102.4 | 81.3 | 914 | 825 | | |
| 1976 103A | COSMOS 860 | 9486 | USSR | 17 OCT | 104.3 | 64.7 | 996 | 923 | | |
| 1976 103F | | 19297 | USSR | 17 OCT | 102.0 | 64.7 | 1038 | 668 | | |
| 1976 104A | COSMOS 861 | 9494 | USSR | 21 OCT | 104.2 | 64.9 | 982 | 934 | | |
| 1976 105A | COSMOS 862 | 9495 | USSR | 22 OCT | 718.1 | 66.7 | 38866 | 1502 | | |
| 1976 105B - 105P | | | USSR | 22 OCT | SEE NOTE | | 23* | | | 23* |
| 1976 107A | EKRAN | 9503 | USSR | 26 OCT | 1435.7 | 11.2 | 36061 | 35494 | | |
| 1976 107F | | 11569 | USSR | 26 OCT | 1419.3 | 11.0 | 35509 | 35406 | | |
| 1976 108A | COSMOS 864 | 9509 | USSR | 29 OCT | 104.7 | 82.9 | 1003 | 957 | | |
| 1976 108B | | 9510 | USSR | 29 OCT | 104.6 | 82.9 | 993 | 955 | | |
| 1976 112A | PROGNOZ 5 | 9557 | USSR | 25 NOV | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1976 115A | MOLNIYA 2-16 | 9574 | USSR | 2 DEC | 634.2 | 62.0 | 36069 | 76 | | |
| 1976 115D | | 9579 | USSR | 2 DEC | 731.1 | 62.2 | 40564 | 442 | | |
| 1976 118A | COSMOS 871 | 9588 | USSR | 7 DEC | 114.6 | 74.0 | 1462 | 1415 | | |
| 1976 118B | COSMOS 872 | 9589 | USSR | 7 DEC | 114.4 | 74.0 | 1461 | 1397 | | |
| 1976 118C | COSMOS 873 | 9590 | USSR | 7 DEC | 115.5 | 74.0 | 1494 | 1462 | | |
| 1976 118D | COSMOS 874 | 9591 | USSR | 7 DEC | 115.7 | 74.0 | 1514 | 1462 | | |
| 1976 118E | COSMOS 875 | 9592 | USSR | 7 DEC | 114.8 | 74.0 | 1462 | 1434 | | |
| 1976 118F | COSMOS 876 | 9593 | USSR | 7 DEC | 116.0 | 74.0 | 1536 | 1462 | | |
| 1976 118G | COSMOS 877 | 9594 | USSR | 7 DEC | 115.0 | 74.0 | 1462 | 1452 | | |
| 1976 118H | COSMOS 878 | 9595 | USSR | 7 DEC | 115.3 | 74.0 | 1472 | 1462 | | |
| 1976 118J | | 9598 | USSR | 7 DEC | 117.6 | 74.0 | 1681 | 1464 | | |
| 1976 120B - 120BC | | | USSR | 9 DEC | SEE NOTE | | 24* | | | 24* |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1976 LAUNCHES (CONT.) | | | | | | | | | | |
| 1976 122A | COSMOS 883 | 9610 | USSR | 15 DEC | 104.7 | 83.0 | 1005 | 952 | | |
| 1976 122B | | 9613 | USSR | 15 DEC | 104.6 | 83.0 | 997 | 950 | | |
| 1976 126A | COSMOS 886 | 9634 | USSR | 27 DEC | 114.7 | 65.8 | 2292 | 595 | | |
| 1976 126B - 126G | | | USSR | 27 DEC | SEE NOTE | | 25* | | | |
| 1976 127A | MOLNIYA 3-6 | 9635 | USSR | 28 DEC | 257.0 | 59.5 | 13594 | 426 | | |
| 1976 128A | COSMOS 887 | 9637 | USSR | 28 DEC | 104.6 | 82.9 | 1011 | 944 | | |
| 1976 128B | | 9638 | USSR | 28 DEC | 104.5 | 82.9 | 995 | 947 | | |
| 1977 LAUNCHES | | | | | | | | | | |
| 1977 002A | METEOR 2-2 | 9651 | USSR | 6 JAN | 102.7 | 81.3 | 893 | 878 | | |
| 1977 002B | | 9652 | USSR | 6 JAN | 102.8 | 81.3 | 931 | 852 | | |
| 1977 002C | | 9653 | USSR | 6 JAN | 102.7 | 81.3 | 890 | 881 | | |
| 1977 002D | | 9654 | USSR | 6 JAN | 102.7 | 81.3 | 894 | 881 | | |
| 1977 004A | COSMOS 890 | 9737 | USSR | 20 JAN | 105.0 | 83.0 | 1013 | 975 | | |
| 1977 004B | | 9738 | USSR | 20 JAN | 104.8 | 83.0 | 998 | 975 | | |
| 1977 005A | NATO III-B | 9785 | NATO | 28 JAN | 1436.1 | 8.5 | 35846 | 35727 | | |
| 1977 005B | | 9786 | US | 28 JAN | 103.8 | 28.0 | 1260 | 618 | | |
| 1977 005D | | 9809 | US | 28 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 005E | | 9810 | US | 28 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 005F | | 9811 | US | 28 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 007A | | 9803 | US | 6 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 007C | | 9855 | US | 6 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 007D | | 9856 | US | 6 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 010A | MOLNIYA 2-17 | 9829 | USSR | 11 FEB | 717.6 | 63.5 | 39693 | 650 | | |
| 1977 010E | | 9850 | USSR | 11 FEB | 731.0 | 64.0 | 39865 | 1136 | | |
| 1977 012A | TANSEI 3 | 9841 | JAPAN | 19 FEB | 134.1 | 65.7 | 3808 | 793 | | |
| 1977 012C | | 9843 | JAPAN | 19 FEB | 134.1 | 65.7 | 3805 | 792 | | |
| 1977 012E | | 9981 | JAPAN | 19 FEB | 133.4 | 65.2 | 3748 | 787 | | |
| 1977 012F | | 9982 | JAPAN | 19 FEB | 133.6 | 65.9 | 3775 | 777 | | |
| 1977 012G | | 9983 | JAPAN | 19 FEB | 134.2 | 65.6 | 3787 | 818 | | |
| 1977 012H | | 12857 | JAPAN | 19 FEB | 134.0 | 66.3 | 3787 | 806 | | |
| 1977 012J | | 13133 | JAPAN | 19 FEB | 133.1 | 65.8 | 3725 | 788 | | |
| 1977 012L | | 19314 | JAPAN | 19 FEB | 133.4 | 65.4 | 3910 | 628 | | |
| 1977 013A | COSMOS 894 | 9846 | USSR | 21 FEB | 104.8 | 82.9 | 1008 | 963 | | |
| 1977 013B | | 9848 | USSR | 21 FEB | 104.7 | 83.0 | 992 | 968 | | |
| 1977 014A | KIKU 2 | 9852 | JAPAN | 23 FEB | 1435.7 | 10.7 | 35946 | 35611 | | |
| 1977 014B | | 9859 | JAPAN | 23 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 015A | COSMOS 895 | 9853 | USSR | 26 FEB | 93.7 | 81.2 | 461 | 451 | | |
| 1977 015B | | 9854 | USSR | 26 FEB | 95.0 | 81.2 | 554 | 484 | | |
| 1977 018A | PALAPA 2 | 9862 | INDNSA | 10 MAR | 1439.4 | 5.4 | 35862 | 35838 | | |
| 1977 021A | MOLNIYA 1-36 | 9880 | USSR | 24 MAR | 717.6 | 63.4 | 39818 | 526 | | |
| 1977 021D | | 9927 | USSR | 24 MAR | 732.9 | 63.9 | 40095 | 1000 | | |
| 1977 024A | METEOR | 9903 | USSR | 5 APR | 102.3 | 81.3 | 888 | 844 | | |
| 1977 024B | | 9904 | USSR | 5 APR | 102.4 | 81.3 | 911 | 833 | | |
| 1977 024C | | 9907 | USSR | 5 APR | 102.9 | 82.9 | 914 | 873 | | |
| 1977 027A | COSMOS 903 | 9911 | USSR | 11 APR | 717.6 | 67.4 | 37475 | 2869 | | |
| 1977 027D | | 9921 | USSR | 11 APR | 723.9 | 67.7 | 37960 | 2697 | | |
| 1977 027E | | 10946 | USSR | 11 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 029A | ESA-GEOS | 9931 | ESA | 20 APR | 734.1 | 27.3 | 38347 | 2810 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1977 LAUNCHES (CONT.) | | | | | | | | | | |
| 1977 032A | MOLNIYA 3-7 | 9941 | USSR | 28 APR | 717.6 | 63.5 | 39797 | 545 | | |
| 1977 034A | | 10000 | US | 12 MAY | 1489.6 | 10.2 | 36900 | 36754 | | |
| 1977 034B | | 10001 | US | 12 MAY | 1509.1 | 9.7 | 37367 | 37038 | | |
| 1977 034C | | 10002 | US | 12 MAY | 1506.9 | 10.4 | 38416 | 35907 | | |
| 1977 036A | COSMOS 909 | 10010 | USSR | 19 MAY | 117.0 | 65.9 | 2105 | 987 | | |
| 1977 036B | | 10011 | USSR | 19 MAY | 116.9 | 65.9 | 2095 | 984 | | |
| 1977 036C | | 10013 | USSR | 19 MAY | 117.0 | 65.9 | 2105 | 986 | | |
| 1977 038A | | 10016 | US | 23 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 038B | | 10017 | US | 23 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 038C | | 15422 | US | 23 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 039A | COSMOS 911 | 10019 | USSR | 25 MAY | 104.7 | 83.0 | 997 | 963 | | |
| 1977 039B | | 10020 | USSR | 25 MAY | 104.5 | 82.9 | 996 | 948 | | |
| 1977 041A | INTELSAT 4A F-4 | 10024 | ITSO | 26 MAY | 1448.1 | 5.5 | 36077 | 35964 | | |
| 1977 041B | | 10025 | US | 26 MAY | 648.2 | 21.6 | 36239 | 623 | | |
| 1977 044A | DMSP-F2 | 10033 | US | 5 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 044B | | 10034 | US | 5 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 044C | | 10037 | US | 5 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 044D | | 10085 | US | 5 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 047A | COSMOS 917 | 10059 | USSR | 16 JUN | 717.4 | 67.6 | 34602 | 5732 | | |
| 1977 047D | | 10089 | USSR | 16 JUN | 722.5 | 67.4 | 35505 | 5080 | | |
| 1977 048A | GOES 2 | 10061 | US | 16 JUN | 1436.4 | 8.8 | 35810 | 35773 | | |
| 1977 048B | | 10062 | US | 16 JUN | 108.4 | 28.4 | 1731 | 575 | | |
| 1977 048F | | 10409 | US | 16 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 048G | | 20799 | US | 16 JUN | 1431.6 | 10.4 | 36580 | 34817 | | |
| 1977 053A | | 10091 | US | 23 JUN | 718.1 | 64.5 | 20324 | 20046 | | |
| 1977 053B | | 10960 | US | 23 JUN | 314.4 | 64.3 | 16876 | 998 | | |
| 1977 054A | MOLNIYA 1-37 | 10092 | USSR | 24 JUN | 717.5 | 62.9 | 39790 | 551 | | |
| 1977 054D | | 10155 | USSR | 24 JUN | 695.4 | 63.4 | 38520 | 723 | | |
| 1977 055A | COSMOS 921 | 10095 | USSR | 24 JUN | 97.2 | 75.8 | 659 | 593 | | |
| 1977 055B | | 10096 | USSR | 24 JUN | 97.3 | 75.8 | 663 | 593 | | |
| 1977 057A | METEOR | 10113 | USSR | 29 JUN | 94.4 | 97.4 | 508 | 473 | | |
| 1977 057B | | 10114 | USSR | 29 JUN | 96.5 | 97.8 | 602 | 582 | | |
| 1977 059A | COSMOS 923 | 10120 | USSR | 1 JUL | 100.7 | 74.0 | 803 | 782 | | |
| 1977 059B | | 10121 | USSR | 1 JUL | 100.5 | 74.1 | 799 | 768 | | |
| 1977 059C | | 14802 | USSR | 1 JUL | 100.2 | 74.1 | 780 | 757 | | |
| 1977 059D | | 14818 | USSR | 1 JUL | 99.9 | 74.1 | 761 | 743 | | |
| 1977 061A | COSMOS 925 | 10134 | USSR | 7 JUL | 94.3 | 81.2 | 494 | 478 | | |
| 1977 061B | | 10135 | USSR | 7 JUL | 95.1 | 81.2 | 548 | 498 | | |
| 1977 062A | COSMOS 926 | 10137 | USSR | 8 JUL | 104.9 | 82.9 | 1017 | 966 | | |
| 1977 062B | | 10138 | USSR | 8 JUL | 104.8 | 82.9 | 1002 | 970 | | |
| 1977 064A | COSMOS 928 | 10141 | USSR | 13 JUL | 104.6 | 83.0 | 1004 | 947 | | |
| 1977 064B | | 10142 | USSR | 13 JUL | 104.5 | 83.0 | 1000 | 939 | | |
| 1977 065A | HIMAWARI | 10143 | JAPAN | 14 JUL | 1450.9 | 8.9 | 36154 | 35999 | | |
| 1977 065B - | 65GC | | US | 14 JUL | SEE NOTE | | 26* | | | 26* |
| 1977 068A | COSMOS 931 | 10150 | USSR | 20 JUL | 718.4 | 66.8 | 35438 | 4948 | | |
| 1977 068D | | 10167 | USSR | 20 JUL | 710.2 | 68.2 | 35235 | 4743 | | |
| 1977 068E | | 12906 | USSR | 20 JUL | 717.6 | 67.7 | 34579 | 5765 | | |
| 1977 068F | | 12996 | USSR | 20 JUL | 704.4 | 61.8 | 38095 | 1596 | | |
| 1977 068G | | 14000 | USSR | 20 JUL | 718.6 | 65.7 | 36856 | 3540 | | |
| 1977 068J | | 19881 | USSR | 20 JUL | 685.0 | 60.0 | 38084 | 641 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1977 LAUNCHES (CONT.) | | | | | | | | | | |
| 1977 071A | RADUGA 3 | 10159 | USSR | 23 JUL | 1436.5 | 10.8 | 35835 | 35752 | | |
| 1977 071F | | 11570 | USSR | 23 JUL | 1473.3 | 11.1 | 36566 | 36457 | | |
| 1977 076A | VOYAGER 2 | 10271 | US | 20 AUG | SOLAR SYSTEM ESCAPE TRAJECTORY | | | | | |
| 1977 076B | | 10272 | US | 20 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1977 076C | | 10273 | US | 20 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1977 079A | COSMOS 939 | 10282 | USSR | 24 AUG | 114.8 | 74.0 | 1460 | 1430 | | |
| 1977 079B | COSMOS 940 | 10286 | USSR | 24 AUG | 114.4 | 74.0 | 1459 | 1392 | | |
| 1977 079C | COSMOS 941 | 10287 | USSR | 24 AUG | 114.6 | 74.0 | 1460 | 1411 | | |
| 1977 079D | COSMOS 942 | 10288 | USSR | 24 AUG | 115.9 | 74.0 | 1530 | 1460 | | |
| 1977 079E | COSMOS 943 | 10289 | USSR | 24 AUG | 115.0 | 74.0 | 1460 | 1448 | | |
| 1977 079F | COSMOS 944 | 10290 | USSR | 24 AUG | 115.2 | 74.0 | 1468 | 1460 | | |
| 1977 079G | COSMOS 945 | 10291 | USSR | 24 AUG | 115.4 | 74.0 | 1488 | 1460 | | |
| 1977 079H | COSMOS 946 | 10292 | USSR | 24 AUG | 115.6 | 74.0 | 1508 | 1460 | | |
| 1977 079J | | 10293 | USSR | 24 AUG | 117.5 | 74.0 | 1575 | 1460 | | |
| 1977 080A | SIRIO | 10294 | ITALY | 25 AUG | 1437.1 | 7.5 | 35849 | 35763 | | |
| 1977 080B | | 10295 | US | 25 AUG | 115.5 | 27.1 | 2082 | 874 | | |
| 1977 082A | MOLNIYA 1-38 | 10315 | USSR | 30 AUG | 682.1 | 62.6 | 37807 | 770 | | |
| 1977 082E | | 10369 | USSR | 30 AUG | 634.4 | 63.9 | 35919 | 238 | | |
| 1977 084A | VOYAGER 1 | 10321 | US | 5 SEP | HELIOCENTRIC ORBIT | | | | | |
| 1977 084B | | 10322 | US | 5 SEP | HELIOCENTRIC ORBIT | | | | | |
| 1977 084C | | 10323 | US | 5 SEP | HELIOCENTRIC ORBIT | | | | | |
| 1977 087A | COSMOS 951 | 10352 | USSR | 13 SEP | 104.8 | 83.0 | 1009 | 960 | | |
| 1977 087B | | 10355 | USSR | 13 SEP | 104.7 | 83.0 | 1005 | 954 | | |
| 1977 088A | COSMOS 952 | 10358 | USSR | 16 SEP | 104.1 | 64.9 | 981 | 920 | | |
| 1977 091A | COSMOS 955 | 10362 | USSR | 20 SEP | 95.5 | 81.2 | 544 | 539 | | |
| 1977 091B | | 10363 | USSR | 20 SEP | 95.6 | 81.2 | 577 | 517 | | |
| 1977 092A | EKRAN | 10365 | USSR | 20 SEP | 1435.7 | 10.7 | 35943 | 35615 | | |
| 1977 092G | | 11571 | USSR | 20 SEP | 1421.8 | 10.5 | 35552 | 35459 | | |
| 1977 093A | PROGNOZ 6 | 10370 | USSR | 22 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 102D | | 10425 | US | 22 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 105A | MOLNIYA 3-8 | 10455 | USSR | 28 OCT | 717.9 | 63.4 | 39028 | 1334 | | |
| 1977 105E | | 10485 | USSR | 28 OCT | 731.5 | 63.6 | 39205 | 1824 | | |
| 1977 106A | NNSS 30110 | 10457 | US | 28 OCT | 106.8 | 89.7 | 1097 | 1060 | | |
| 1977 106B | | 10462 | US | 28 OCT | 106.8 | 89.7 | 1098 | 1062 | | |
| 1977 106C | | 12858 | US | 28 OCT | 106.9 | 89.5 | 1097 | 1066 | | |
| 1977 107A | COSMOS 962 | 10459 | USSR | 28 OCT | 104.7 | 82.9 | 1003 | 961 | | |
| 1977 107B | | 10461 | USSR | 28 OCT | 104.6 | 82.9 | 999 | 952 | | |
| 1977 108A | METEOSAT 1 | 10489 | ESA | 23 NOV | 1436.7 | 9.9 | 35828 | 35768 | | |
| 1977 108B | | 10490 | US | 23 NOV | 115.4 | 28.3 | 2457 | 491 | | |
| 1977 109A | COSMOS 963 | 10491 | USSR | 24 NOV | 109.2 | 82.9 | 1204 | 1175 | | |
| 1977 109B | | 10492 | USSR | 24 NOV | 109.1 | 82.9 | 1200 | 1169 | | |
| 1977 112A | | 10502 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112B | | 10504 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112C | | 10528 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112D | | 10529 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112E | | 10544 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112F | | 10594 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112G | | 10595 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 112H | | 12859 | US | 8 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1977 114A | | 10508 | US | 11 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1977 LAUNCHES (CONT.) | | | | | | | | | | |
| 1977 114B | | 10509 | US | 11 DEC | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1977 116A | COSMOS 967 | 10512 | USSR | 13 DEC | 104.7 | 65.8 | 988 | 973 | | |
| 1977 116B | | 10513 | USSR | 13 DEC | 104.5 | 65.8 | 984 | 958 | | |
| 1977 116C | | 10518 | USSR | 13 DEC | 104.6 | 65.8 | 984 | 970 | | |
| 1977 116D | | 10526 | USSR | 13 DEC | 104.8 | 65.8 | 1007 | 960 | | |
| 1977 117A | METEOR 2-3 | 10514 | USSR | 14 DEC | 102.2 | 81.2 | 875 | 849 | | |
| 1977 117B | | 10515 | USSR | 14 DEC | 102.3 | 81.2 | 899 | 833 | | |
| 1977 117C | | 14950 | USSR | 14 DEC | 102.3 | 81.2 | 900 | 832 | | |
| 1977 118A | SAKURA | 10516 | JAPAN | 15 DEC | 1455.9 | 8.3 | 36187 | 36158 | | |
| 1977 118B | | 10517 | US | 15 DEC | 109.5 | 28.7 | 1925 | 484 | | |
| 1977 118C | | 10519 | US | 15 DEC | 109.9 | 29.1 | 1901 | 542 | | |
| 1977 119A | COSMOS 968 | 10520 | USSR | 16 DEC | 100.5 | 74.0 | 793 | 767 | | |
| 1977 119B | | 10521 | USSR | 16 DEC | 100.2 | 74.0 | 786 | 754 | | |
| 1977 119C | | 10524 | USSR | 16 DEC | 100.1 | 74.0 | 776 | 751 | | |
| 1977 119D | | 10525 | USSR | 16 DEC | 100.2 | 74.0 | 779 | 752 | | |
| 1977 119E | | 10512 | USSR | 16 DEC | 100.0 | 74.0 | 764 | 748 | | |
| 1977 121A | COSMOS 970 | 10531 | USSR | 21 DEC | 105.9 | 65.9 | 1150 | 921 | | |
| 1977 121B - 121Y | | | USSR | 21 DEC | SEE NOTE | | 27* | | | 27* |
| 1977 121W | | 20032 | USSR | 21 DEC | 108.6 | 62.5 | 1753 | 572 | | |
| 1977 122A | COSMOS 971 | 10536 | USSR | 23 DEC | 104.9 | 82.9 | 1004 | 971 | | |
| 1977 122B | | 10537 | USSR | 23 DEC | 104.7 | 82.9 | 996 | 964 | | |
| 1977 123A | COSMOS 972 | 10539 | USSR | 27 DEC | 103.7 | 75.8 | 1158 | 710 | | |
| 1977 123B | | 10541 | USSR | 27 DEC | 103.7 | 75.8 | 1155 | 712 | | |
| 1978 LAUNCHES | | | | | | | | | | |
| 1978 002A | INTELSAT 4A F-3 | 10557 | ITSO | 7 JAN | 1441.3 | .5.0 | 35908 | 35868 | | |
| 1978 002B | | 10722 | US | 17 JAN | 650.3 | 21.6 | 36290 | 678 | | |
| 1978 004A | COSMOS 975 | 10561 | USSR | 10 JAN | 95.7 | 81.2 | 560 | 546 | | |
| 1978 004B | | 10582 | USSR | 10 JAN | 96.1 | 81.2 | 604 | 542 | | |
| 1978 005A | COSMOS 976 | 10581 | USSR | 10 JAN | 115.1 | 74.0 | 1461 | 1454 | | |
| 1978 005B | COSMOS 977 | 10584 | USSR | 10 JAN | 114.4 | 74.0 | 1462 | 1397 | | |
| 1978 005C | COSMOS 978 | 10585 | USSR | 10 JAN | 114.6 | 74.0 | 1462 | 1416 | | |
| 1978 005D | COSMOS 979 | 10586 | USSR | 10 JAN | 114.8 | 74.0 | 1461 | 1435 | | |
| 1978 005E | COSMOS 980 | 10587 | USSR | 10 JAN | 115.3 | 74.0 | 1474 | 1460 | | |
| 1978 005F | COSMOS 981 | 10588 | USSR | 10 JAN | 115.5 | 74.0 | 1494 | 1461 | | |
| 1978 005G | COSMOS 982 | 10589 | USSR | 10 JAN | 115.7 | 74.0 | 1513 | 1461 | | |
| 1978 005H | COSMOS 983 | 10590 | USSR | 10 JAN | 116.0 | 74.0 | 1535 | 1461 | | |
| 1978 005J | | 10591 | USSR | 10 JAN | 117.7 | 74.0 | 1693 | 1459 | | |
| 1978 007A | COSMOS 985 | 10599 | USSR | 17 JAN | 104.6 | 82.9 | 1015 | 936 | | |
| 1978 007B | | 10600 | USSR | 17 JAN | 104.5 | 82.9 | 1007 | 934 | | |
| 1978 009E | | 10802 | USSR | 24 JAN | 616.5 | 63.5 | 35145 | 87 | | |
| 1978 012A | IUE | 10637 | US | 26 JAN | 1435.8 | 32.7 | 41721 | 29843 | | |
| 1978 012C | | 10723 | US | 26 JAN | 567.6 | 29.3 | 32367 | 293 | | |
| 1978 014A | KYOKKO | 10664 | JAPAN | 4 FEB | 134.0 | 65.4 | 3959 | 635 | | |
| 1978 014C | | 12329 | JAPAN | 4 FEB | 133.8 | 65.3 | 3939 | 635 | | |
| 1978 014D | | 12330 | JAPAN | 4 FEB | 134.0 | 65.4 | 3962 | 630 | | |
| 1978 014E | | 12331 | JAPAN | 4 FEB | 132.7 | 64.8 | 3846 | 629 | | |
| 1978 014F | | 12406 | JAPAN | 4 FEB | 133.2 | 65.9 | 3883 | 639 | | |
| 1978 016A | FLTSATCOM 1 | 10669 | US | 9 FEB | 1436.3 | 9.1 | 35803 | 35775 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1978 LAUNCHES (CONT.) | | | | | | | | | | |
| 1978 016C | | 12908 | US | 9 FEB | 209.6 | 26.4 | 10355 | 267 | | |
| 1978 018A | UME 2 | 10674 | JAPAN | 16 FEB | 107.2 | 69.4 | 1216 | 974 | | |
| 1978 018B | | 10675 | JAPAN | 16 FEB | 107.1 | 69.4 | 1211 | 974 | | |
| 1978 018C | | 13132 | JAPAN | 16 FEB | 107.9 | 69.2 | 1288 | 969 | | |
| 1978 019A | COSMOS 990 | 10676 | USSR | 17 FEB | 100.5 | 74.0 | 793 | 767 | | |
| 1978 019B | | 10677 | USSR | 17 FEB | 100.3 | 74.0 | 783 | 759 | | |
| 1978 019C | | 14803 | USSR | 17 FEB | 99.5 | 74.0 | 742 | 730 | | |
| 1978 019D | | 13500 | USSR | 17 FEB | 100.2 | 74.1 | 777 | 755 | | |
| 1978 019E | | 18501 | USSR | 17 FEB | 100.2 | 74.1 | 781 | 756 | | |
| 1978 020A | | 10684 | US | 22 FEB | 718.0 | 63.9 | 20521 | 19844 | | |
| 1978 020B | | 10801 | US | 22 FEB | 268.4 | 64.0 | 14046 | 762 | | |
| 1978 021A | | 10688 | US | 25 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 021B | | 10689 | US | 25 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 022A | COSMOS 991 | 10692 | USSR | 28 FEB | 104.6 | 83.0 | 1003 | 951 | | |
| 1978 022B | | 10693 | USSR | 28 FEB | 104.6 | 83.0 | 988 | 959 | | |
| 1978 024A | MOLNIYA 1-39 | 10696 | USSR | 2 MAR | 717.6 | 61.9 | 39849 | 498 | | |
| 1978 024D | | 10803 | USSR | 2 MAR | 729.0 | 62.0 | 40198 | 707 | | |
| 1978 026A | LANDSAT 3 | 10702 | US | 5 MAR | 103.1 | 98.8 | 917 | 894 | | |
| 1978 026B | AMSAT-OSCAR-8 | 10703 | US | 5 MAR | 103.0 | 99.1 | 904 | 894 | | |
| 1978 026C - 026HT | | | US | 5 MAR | SEE NOTE 28* | | | | | 28* |
| 1978 026HS | | 20029 | US | 5 MAR | 101.2 | 98.6 | 874 | 757 | | |
| 1978 028A | COSMOS 994 | 10731 | USSR | 15 MAR | 104.9 | 82.9 | 1006 | 970 | | |
| 1978 028B | | 10732 | USSR | 15 MAR | 104.7 | 82.9 | 994 | 967 | | |
| 1978 029B | | 10734 | US | 16 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1978 031A | COSMOS 996 | 10744 | USSR | 28 MAR | 104.6 | 82.9 | 1004 | 948 | | |
| 1978 031B | | 10745 | USSR | 28 MAR | 104.5 | 82.9 | 995 | 945 | | |
| 1978 034A | COSMOS 1000 | 10776 | USSR | 31 MAR | 104.7 | 82.9 | 1007 | 954 | | |
| 1978 034B | | 10777 | USSR | 31 MAR | 104.6 | 82.9 | 993 | 954 | | |
| 1978 035A | INTELSAT 4A F-6 | 10778 | ITSO | 31 MAR | 1437.8 | 5.0 | 35846 | 35794 | | |
| 1978 035B | | 10779 | US | 31 MAR | 648.0 | 21.2 | 36236 | 617 | | |
| 1978 038A | | 10787 | US | 7 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 038B | | 10788 | US | 7 APR | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 039A | YURI | 10792 | JAPAN | 7 APR | 1436.4 | 9.6 | 35839 | 35746 | | |
| 1978 039B | | 10793 | US | 7 APR | 111.0 | 28.2 | 1971 | 573 | | |
| 1978 039C | | 10794 | US | 7 APR | 208.1 | 26.9 | 10290 | 219 | | |
| 1978 042A | | 10820 | US | 1 MAY | 100.8 | 98.7 | 804 | 790 | | |
| 1978 042B | | 10853 | US | 1 MAY | 96.5 | 98.3 | 594 | 584 | | |
| 1978 042C | | 10854 | US | 1 MAY | 97.3 | 98.3 | 631 | 624 | | |
| 1978 044A | OTS-2 | 10855 | ESA | 11 MAY | 1452.5 | 7.1 | 36173 | 36041 | | |
| 1978 044B | | 10856 | US | 11 MAY | 139.9 | 27.9 | 3527 | 1571 | | |
| 1978 044C | | 10857 | US | 11 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 045A | COSMOS 1005 | 10860 | USSR | 12 MAY | 95.4 | 81.2 | 544 | 532 | | |
| 1978 045B | | 10861 | USSR | 12 MAY | 96.3 | 81.3 | 609 | 550 | | |
| 1978 047A | | 10893 | US | 13 MAY | 718.1 | 64.2 | 20642 | 19726 | | |
| 1978 047B | | 10894 | US | 13 MAY | 286.7 | 64.4 | 15179 | 869 | | |
| 1978 051A | PIONEER VENUS ORBITER | 10911 | US | 20 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1978 051B | | 10912 | US | 20 MAY | HELIOCENTRIC ORBIT | | | | | |
| 1978 053A | COSMOS 1011 | 10917 | USSR | 23 MAY | 104.7 | 82.9 | 1007 | 954 | | |
| 1978 053B | | 10918 | USSR | 23 MAY | 104.6 | 82.9 | 997 | 952 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1978 LAUNCHES (CONT.) | | | | | | | | | | |
| 1978 055A | MOLNIYA 1-40 | 10925 | USSR | 2 JUN | 717.5 | 63.3 | 38812 | 1528 | | |
| 1978 055E | | 10949 | USSR | 2 JUN | 732.5 | 63.5 | 39169 | 1908 | | |
| 1978 056A | COSMOS 1013 | 10930 | USSR | 7 JUN | 116.3 | 74.0 | 1552 | 1476 | | |
| 1978 056B | COSMOS 1014 | 10931 | USSR | 7 JUN | 116.1 | 74.0 | 1529 | 1476 | | |
| 1978 056C | COSMOS 1015 | 10932 | USSR | 7 JUN | 115.8 | 74.0 | 1514 | 1471 | | |
| 1978 056D | COSMOS 1016 | 10933 | USSR | 7 JUN | 115.6 | 74.0 | 1496 | 1469 | | |
| 1978 056E | COSMOS 1017 | 10934 | USSR | 7 JUN | 115.4 | 74.0 | 1489 | 1456 | | |
| 1978 056F | COSMOS 1018 | 10935 | USSR | 7 JUN | 115.2 | 74.0 | 1486 | 1440 | | |
| 1978 056G | COSMOS 1019 | 10936 | USSR | 7 JUN | 115.0 | 74.0 | 1486 | 1421 | | |
| 1978 056H | COSMOS 1020 | 10937 | USSR | 7 JUN | 114.8 | 74.0 | 1483 | 1405 | | |
| 1978 056J | | 10938 | USSR | 7 JUN | 117.9 | 74.0 | 1689 | 1479 | | |
| 1978 058A | | 10941 | US | 10 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 058B | | 10942 | US | 10 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 062A | GOES 3 | 10953 | US | 16 JUN | 1436.0 | 7.6 | 35803 | 35765 | | |
| 1978 062B | | 10954 | US | 16 JUN | 107.5 | 28.4 | 1665 | 556 | | |
| 1978 062D | | 20801 | US | 16 JUN | 1451.1 | 9.8 | 40073 | 32087 | | |
| 1978 063A | COSMOS 1023 | 10961 | USSR | 21 JUN | 100.4 | 74.1 | 789 | 768 | | |
| 1978 063B | | 10962 | USSR | 21 JUN | 100.2 | 74.1 | 788 | 750 | | |
| 1978 063C | | 14804 | USSR | 21 JUN | 98.9 | 74.0 | 717 | 697 | | |
| 1978 063D | | 13497 | USSR | 21 JUN | 100.5 | 74.1 | 793 | 766 | | |
| 1978 064A | SEASAT 1 | 10967 | US | 27 JUN | 100.2 | 108.0 | 769 | 766 | | |
| 1978 066A | COSMOS 1024 | 10970 | USSR | 28 JUN | 718.1 | 67.6 | 34548 | 5823 | | |
| 1978 066D | | 10998 | USSR | 28 JUN | 720.1 | 67.6 | 34831 | 5637 | | |
| 1978 067A | COSMOS 1025 | 10973 | USSR | 28 JUN | 96.3 | 82.5 | 592 | 569 | | |
| 1978 067B | | 10974 | USSR | 28 JUN | 97.2 | 82.5 | 640 | 613 | | |
| 1978 069A | COMSTAR 3 | 10975 | US | 29 JUN | 1451.7 | 4.8 | 36183 | 35998 | | |
| 1978 068B | | 10976 | US | 29 JUN | 648.9 | 21.8 | 36265 | 635 | | |
| 1978 071A | ESA GEOS 2 | 10981 | ESA | 14 JUL | 1449.0 | 9.8 | 36047 | 36031 | | |
| 1978 071C | | 10983 | US | 14 JUL | 435.6 | 25.7 | 25037 | 274 | | |
| 1978 072A | MOLNIYA 1-41 | 10984 | USSR | 14 JUL | 683.5 | 61.8 | 38337 | 313 | | |
| 1978 072D | | 11073 | USSR | 14 JUL | 691.3 | 61.9 | 38740 | 301 | | |
| 1978 073A | RADUGA 4 | 10987 | USSR | 18 JUL | 1437.1 | 10.2 | 35843 | 35767 | | |
| 1978 073D | | 11074 | USSR | 18 JUL | 565.6 | 46.6 | 31795 | 757 | | |
| 1978 073E | | 11941 | USSR | 18 JUL | 1475.9 | 10.6 | 36629 | 36495 | | |
| 1978 074A | COSMOS 1027 | 10991 | USSR | 27 JUL | 104.6 | 82.9 | 996 | 957 | | |
| 1978 074B | | 10992 | USSR | 27 JUL | 104.5 | 82.9 | 986 | 959 | | |
| 1978 075A | | 10993 | US | 5 AUG | ELEMENTS NOT AVAILABLE | | | | | |
| 1978 075B | | 10994 | US | 5 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 078C | | 11003 | US | 8 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1978 079A | ICE | 11004 | US | 12 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1978 079C | | 11006 | US | 12 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1978 079D | | 13413 | US | 12 AUG | ELEMENTS NOT AVAILABLE | | | | | |
| 1978 080A | MOLNIYA 1-42 | 11007 | USSR | 22 AUG | 717.6 | 63.6 | 39823 | 522 | | |
| 1978 080D | | 11075 | USSR | 22 AUG | 732.4 | 64.1 | 40145 | 927 | | |
| 1978 083A | COSMOS 1030 | 11015 | USSR | 6 SEP | 718.6 | 67.2 | 36019 | 4376 | | |
| 1978 083D | | 11076 | USSR | 6 SEP | 723.6 | 66.0 | 36934 | 3708 | | |
| 1978 083E | | 12907 | USSR | 6 SEP | 711.4 | 64.0 | 36813 | 3227 | | |
| 1978 083F | | 12919 | USSR | 6 SEP | 719.5 | 64.0 | 37421 | 3020 | | |
| 1978 083G | | 13959 | USSR | 6 SEP | 721.7 | 63.7 | 37601 | 2948 | | |
| 1978 084A | VENERA 11 | 11020 | USSR | 9 SEP | HELIOCENTRIC ORBIT | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1978 LAUNCHES (CONT.) | | | | | | | | | | |
| 1978 086A | VENERA 12 | 11025 | USSR | 14 SEP | HELIOCENTRIC ORBIT | | | | | |
| 1978 087A | JIKI*KEN | 11027 | JAPAN | 16 SEP | 389.5 | 31.4 | 22348 | 231 | | |
| 1978 087B | | 11028 | JAPAN | 16 SEP | 350.0 | 31.3 | 19892 | 251 | | |
| 1978 091A | COSMOS 1034 | 11042 | USSR | 4 OCT | 114.9 | 74.0 | 1478 | 1421 | | |
| 1978 091B | COSMOS 1035 | 11044 | USSR | 4 OCT | 114.6 | 74.0 | 1476 | 1402 | | |
| 1978 091C | COSMOS 1036 | 11045 | USSR | 4 OCT | 115.1 | 74.0 | 1478 | 1440 | | |
| 1978 091D | COSMOS 1037 | 11046 | USSR | 4 OCT | 115.3 | 74.0 | 1479 | 1460 | | |
| 1978 091E | COSMOS 1038 | 11047 | USSR | 4 OCT | 115.5 | 74.0 | 1485 | 1475 | | |
| 1978 091F | COSMOS 1039 | 11048 | USSR | 4 OCT | 116.3 | 74.0 | 1549 | 1477 | | |
| 1978 091G | COSMOS 1040 | 11049 | USSR | 4 OCT | 116.0 | 74.0 | 1525 | 1477 | | |
| 1978 091H | COSMOS 1041 | 11050 | USSR | 4 OCT | 115.8 | 74.0 | 1506 | 1475 | | |
| 1978 091J | | 11051 | USSR | 4 OCT | 117.9 | 74.0 | 1697 | 1479 | | |
| 1978 093A | | 11054 | US | 7 OCT | 717.9 | 63.7 | 20352 | 20009 | | |
| 1978 093B | | 11078 | US | 7 OCT | 142.7 | 62.9 | 5174 | 156 | | |
| 1978 094A | COSMOS 1043 | 11055 | USSR | 10 OCT | 94.9 | 81.2 | 520 | 508 | | |
| 1978 094B | | 11056 | USSR | 10 OCT | 95.6 | 81.2 | 577 | 515 | | |
| 1978 095A | MOLNIYA 3-10 | 11057 | USSR | 13 OCT | 717.7 | 63.1 | 38902 | 1449 | | |
| 1978 095E | | 11079 | USSR | 13 OCT | 734.3 | 63.1 | 39628 | 1535 | | |
| 1978 096A | TIROS-N | 11060 | US | 13 OCT | 101.7 | 98.8 | 848 | 831 | | |
| 1978 096B | | 11061 | US | 13 OCT | 100.5 | 98.8 | 781 | 779 | | |
| 1978 096C | | 11062 | US | 13 OCT | 100.4 | 98.8 | 780 | 777 | | |
| 1978 098A | NIMBUS 7 | 11080 | US | 24 OCT | 104.0 | 99.1 | 955 | 941 | | |
| 1978 098B | CAMEO | 11081 | US | 24 OCT | 104.0 | 99.5 | 968 | 924 | | |
| 1978 100A | COSMOS 1045 | 11084 | USSR | 26 OCT | 120.3 | 82.5 | 1703 | 1682 | | |
| 1978 100B | RADIO 1 | 11085 | USSR | 26 OCT | 120.3 | 82.6 | 1705 | 1682 | | |
| 1978 100C | RADIO 2 | 11086 | USSR | 26 OCT | 120.3 | 82.6 | 1704 | 1682 | | |
| 1978 100D | | 11087 | USSR | 26 OCT | 120.2 | 82.5 | 1700 | 1683 | | |
| 1978 100D - 100AX | | | USSR | 26 OCT | SEE NOTE | | 29* | | | 29* |
| 1978 105A | COSMOS 1048 | 11111 | USSR | 16 NOV | 100.6 | 74.0 | 799 | 771 | | |
| 1978 105B | | 11112 | USSR | 16 NOV | 100.5 | 74.0 | 806 | 753 | | |
| 1978 105C | | 11113 | USSR | 16 NOV | 100.1 | 74.0 | 772 | 752 | | |
| 1978 105D | | 11114 | USSR | 16 NOV | 99.9 | 74.0 | 761 | 743 | | |
| 1978 106A | NATO III-C | 11115 | NATO | 19 NOV | 1436.2 | 5.7 | 35792 | 35782 | | |
| 1978 109A | COSMOS 1051 | 11128 | USSR | 5 DEC | 114.6 | 74.0 | 1483 | 1392 | | |
| 1978 109B | COSMOS 1052 | 11129 | USSR | 5 DEC | 114.8 | 74.0 | 1486 | 1408 | | |
| 1978 109C | COSMOS 1053 | 11130 | USSR | 5 DEC | 115.0 | 74.0 | 1486 | 1427 | | |
| 1978 109D | COSMOS 1054 | 11131 | USSR | 5 DEC | 115.2 | 74.0 | 1487 | 1444 | | |
| 1978 109E | COSMOS 1055 | 11132 | USSR | 5 DEC | 115.5 | 74.0 | 1489 | 1462 | | |
| 1978 109F | COSMOS 1056 | 11133 | USSR | 5 DEC | 115.7 | 74.0 | 1501 | 1470 | | |
| 1978 109G | COSMOS 1057 | 11134 | USSR | 5 DEC | 115.9 | 74.0 | 1513 | 1478 | | |
| 1978 109H | COSMOS 1058 | 11135 | USSR | 5 DEC | 116.1 | 74.0 | 1536 | 1478 | | |
| 1978 109J | | 11136 | USSR | 5 DEC | 118.1 | 74.0 | 1697 | 1490 | | |
| 1978 112A | | 11141 | US | 11 DEC | 718.0 | 63.8 | 20347 | 20019 | | |
| 1978 112B | | 11142 | US | 11 DEC | 269.6 | 63.7 | 14331 | 564 | | |
| 1978 113A | | 11144 | US | 14 DEC | 1436.7 | 7.6 | 35816 | 35781 | | |
| 1978 113B | | 11145 | US | 14 DEC | 1436.1 | 7.5 | 35800 | 35775 | | |
| 1978 113D | | 11147 | US | 14 DEC | 1339.2 | 3.9 | 35596 | 32137 | | |
| 1978 116A | ANIK B1 | 11153 | CANADA | 16 DEC | 1442.6 | 4.3 | 35935 | 35890 | | |
| 1978 117A | COSMOS 1063 | 11155 | USSR | 19 DEC | 95.7 | 81.2 | 553 | 551 | | |
| 1978 117B | | 11156 | USSR | 19 DEC | 95.8 | 81.2 | 590 | 520 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1978 LAUNCHES (CONT.) | | | | | | | | | | |
| 1978 118A | GORIZONT 1 | 11158 | USSR | 19 DEC | 1435.8 | 20.1 | 49612 | 21948 | | |
| 1978 118C | | 11926 | USSR | 19 DEC | 1417.4 | 19.9 | 48956 | 21883 | | |
| 1978 121A | COSMOS 1066 | 11165 | USSR | 23 DEC | 102.1 | 81.2 | 892 | 820 | | |
| 1978 121B | | 11166 | USSR | 23 DEC | 101.9 | 81.2 | 899 | 800 | | |
| 1978 121C | | 19643 | USSR | 23 DEC | 101.9 | 81.2 | 898 | 798 | | |
| 1978 122A | COSMOS 1067 | 11168 | USSR | 26 DEC | 109.0 | 83.0 | 1210 | 1154 | | |
| 1978 122B | | 11170 | USSR | 26 DEC | 108.9 | 83.0 | 1194 | 1157 | | |
| 1979 LAUNCHES | | | | | | | | | | |
| 1979 003A | COSMOS 1072 | 11238 | USSR | 16 JAN | 104.8 | 82.9 | 1013 | 956 | | |
| 1979 003B | | 11239 | USSR | 16 JAN | 104.7 | 82.9 | 1011 | 948 | | |
| 1979 004A | MOLNIYA 3-11 | 11240 | USSR | 18 JAN | 717.8 | 63.9 | 38884 | 1468 | | |
| 1979 004D | | 11553 | USSR | 18 JAN | 732.9 | 64.2 | 39117 | 1982 | | |
| 1979 005A | METEOR 1-29 | 11251 | USSR | 25 JAN | 96.5 | 97.6 | 617 | 560 | | |
| 1979 005B | | 11252 | USSR | 25 JAN | 95.4 | 97.4 | 545 | 530 | | |
| 1979 007A | SCATHA | 11256 | US | 30 JAN | 1417.6 | 7.9 | 42479 | 28366 | | |
| 1979 009A | AYAME 1 | 11261 | JAPAN | 6 FEB | 1312.8 | 2.0 | 37404 | 29269 | | |
| 1979 011A | COSMOS 1076 | 11266 | USSR | 12 FEB | 95.9 | 82.5 | 569 | 550 | | |
| 1979 011B | | 11267 | USSR | 12 FEB | 97.2 | 82.5 | 637 | 610 | | |
| 1979 012A | COSMOS 1077 | 11268 | USSR | 13 FEB | 95.3 | 81.2 | 538 | 530 | | |
| 1979 012B | | 11269 | USSR | 13 FEB | 95.6 | 81.2 | 581 | 514 | | |
| 1979 015A | EKRAN 3 | 11273 | USSR | 21 FEB | 1435.5 | 9.9 | 35929 | 35621 | | |
| 1979 015D | | 13900 | USSR | 21 FEB | 1421.0 | 9.8 | 35533 | 35446 | | |
| 1979 017A | SOL*IND | 11278 | US | 24 FEB | 93.4 | 97.9 | 448 | 432 | | |
| 1979 017A - 017LZ | | | US | 24 FEB | SEE NOTE | | 30¢ | | | 30¢ |
| 1979 020A | INTERCOSMOS 19 | 11285 | USSR | 27 FEB | 97.2 | 74.0 | 780 | 466 | | |
| 1979 020B | | 11286 | USSR | 27 FEB | 97.3 | 74.0 | 796 | 464 | | |
| 1979 021A | METEOR 2-4 | 11288 | USSR | 1 MAR | 102.0 | 81.2 | 873 | 837 | | |
| 1979 021B | | 11289 | USSR | 1 MAR | 102.1 | 81.2 | 912 | 800 | | |
| 1979 021C | | 11290 | USSR | 1 MAR | 102.1 | 81.2 | 881 | 836 | | |
| 1979 021D | | 14632 | USSR | 1 MAR | 102.8 | 81.3 | 932 | 853 | | |
| 1979 024A | COSMOS 1081 | 11296 | USSR | 15 MAR | 114.5 | 74.0 | 1464 | 1401 | | |
| 1979 024B | COSMOS 1082 | 11297 | USSR | 15 MAR | 114.7 | 74.0 | 1463 | 1421 | | |
| 1979 024C | COSMOS 1083 | 11298 | USSR | 15 MAR | 114.9 | 74.0 | 1463 | 1440 | | |
| 1979 024D | COSMOS 1084 | 11299 | USSR | 15 MAR | 115.1 | 74.0 | 1462 | 1459 | | |
| 1979 024E | COSMOS 1085 | 11300 | USSR | 15 MAR | 115.6 | 74.0 | 1502 | 1463 | | |
| 1979 024F | COSMOS 1086 | 11301 | USSR | 15 MAR | 115.4 | 74.0 | 1480 | 1463 | | |
| 1979 024G | COSMOS 1087 | 11302 | USSR | 15 MAR | 115.8 | 74.0 | 1522 | 1463 | | |
| 1979 024H | COSMOS 1088 | 11303 | USSR | 15 MAR | 116.1 | 74.0 | 1545 | 1463 | | |
| 1979 024J | | 11304 | USSR | 15 MAR | 117.6 | 74.0 | 1687 | 1458 | | |
| 1979 025B | | 11306 | US | 16 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 026A | COSMOS 1089 | 11308 | USSR | 21 MAR | 104.7 | 83.0 | 997 | 965 | | |
| 1979 026B | | 11309 | USSR | 21 MAR | 104.6 | 83.0 | 988 | 962 | | |
| 1979 028A | COSMOS 1091 | 11320 | USSR | 7 APR | 104.8 | 82.9 | 1005 | 960 | | |
| 1979 028B | | 11321 | USSR | 7 APR | 104.6 | 82.9 | 991 | 964 | | |
| 1979 030A | COSMOS 1092 | 11326 | USSR | 11 APR | 104.7 | 82.9 | 1002 | 959 | | |
| 1979 030B | | 11327 | USSR | 11 APR | 104.6 | 82.9 | 997 | 955 | | |
| 1979 031A | MOLNIYA 1-43 | 11328 | USSR | 12 APR | 100.4 | 63.7 | 1460 | 99 | | |
| 1979 031D | | 11551 | USSR | 12 APR | 620.8 | 64.1 | 35321 | 132 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1979 LAUNCHES (CONT.) | | | | | | | | | | |
| 1979 032A | COSMOS 1093 | 11331 | USSR | 14 APR | 95.3 | 81.2 | 538 | 524 | | |
| 1979 032B | | 11332 | USSR | 14 APR | 96.1 | 81.2 | 609 | 531 | | |
| 1979 035A | RADUGA 5 | 11343 | USSR | 25 APR | 1435.9 | 9.8 | 35797 | 35778 | | |
| 1979 035E | | 17873 | USSR | 25 APR | 1438.0 | 9.8 | 35949 | 35699 | | |
| 1979 038A | FLTSATCOM 2 | 11363 | US | 4 MAY | 1436.2 | 7.7 | 35814 | 35761 | | |
| 1979 046A | COSMOS 1104 | 11378 | USSR | 31 MAY | 104.7 | 82.9 | 1005 | 953 | | |
| 1979 046B | | 11379 | USSR | 31 MAY | 104.6 | 82.9 | 990 | 958 | | |
| 1979 048A | MOLNIYA 3-12 | 11384 | USSR | 5 JUN | 394.4 | 63.1 | 22696 | 177 | | |
| 1979 050A | | 11389 | US | 6 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 050B | | 11403 | US | 6 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 050C | | 11408 | US | 6 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 050D | | 11410 | US | 6 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 050G | | 11534 | US | 6 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 053A | | 11397 | US | 10 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 053C | | 11436 | US | 10 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 053D | | 20364 | US | 10 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 057A | NOAA 6 | 11416 | US | 27 JUN | 100.8 | 98.5 | 805 | 780 | | |
| 1979 057B | | 11419 | US | 27 JUN | 99.5 | 98.4 | 738 | 733 | | |
| 1979 057C | | 11534 | US | 27 JUN | 99.5 | 98.3 | 737 | 731 | | |
| 1979 059A | COSMOS 1109 | 11417 | USSR | 27 JUN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1979 059D | | 11555 | USSR | 27 JUN | 721.7 | 67.5 | 38335 | 2212 | | |
| 1979 059E | | 12833 | USSR | 27 JUN | 715.2 | 67.3 | 38037 | 2188 | | |
| 1979 059F | | 12834 | USSR | 27 JUN | 719.1 | 67.9 | 35142 | 5276 | | |
| 1979 059G | | 12909 | USSR | 27 JUN | 719.6 | 68.2 | 39114 | 1329 | | |
| 1979 059H | | 12995 | USSR | 27 JUN | 698.9 | 66.3 | 38251 | 1169 | | |
| 1979 059J | | 13960 | USSR | 27 JUN | 720.5 | 67.3 | 37953 | 2534 | | |
| 1979 060A | COSMOS 1110 | 11425 | USSR | 28 JUN | 100.6 | 74.0 | 800 | 777 | | |
| 1979 060B | | 11427 | USSR | 28 JUN | 100.5 | 74.0 | 796 | 764 | | |
| 1979 060C | | 14366 | USSR | 28 JUN | 99.7 | 74.1 | 746 | 743 | | |
| 1979 060D | | 15784 | USSR | 28 JUN | 100.1 | 74.0 | 766 | 760 | | |
| 1979 062A | GORIZONT 2 | 11440 | USSR | 5 JUL | 1436.0 | 9.4 | 35805 | 35762 | | |
| 1979 062D | | 14005 | USSR | 5 JUL | 1474.4 | 9.6 | 36556 | 36509 | | |
| 1979 067A | COSMOS 1116 | 11457 | USSR | 20 JUL | 94.3 | 81.2 | 498 | 471 | | |
| 1979 067B | | 11458 | USSR | 20 JUL | 95.4 | 81.2 | 568 | 506 | | |
| 1979 070A | MOLNIYA 1-44 | 11474 | USSR | 31 JUL | 717.7 | 63.9 | 38377 | 1971 | | |
| 1979 070D | | 11556 | USSR | 31 JUL | 733.1 | 64.1 | 38720 | 2386 | | |
| 1979 072A | WESTAR 3 | 11484 | US | 10 AUG | 1440.8 | 3.1 | 35886 | 35871 | | |
| 1979 077A | COSMOS 1124 | 11509 | USSR | 28 AUG | 716.9 | 67.9 | 35350 | 4962 | | |
| 1979 077D | | 11550 | USSR | 28 AUG | 723.8 | 67.9 | 35773 | 4878 | | |
| 1979 077E | | 12814 | USSR | 28 AUG | 604.2 | 65.8 | 34053 | 539 | | |
| 1979 077F | | 12815 | USSR | 28 AUG | 708.7 | 64.3 | 36960 | 2947 | | |
| 1979 077G | | 12816 | USSR | 28 AUG | 686.5 | 63.6 | 36895 | 1904 | | |
| 1979 077H | | 12817 | USSR | 28 AUG | 720.6 | 63.3 | 37929 | 2564 | | |
| 1979 078A | COSMOS 1125 | 11510 | USSR | 28 AUG | 100.7 | 74.0 | 799 | 780 | | |
| 1979 078B | | 11511 | USSR | 28 AUG | 100.5 | 74.0 | 793 | 769 | | |
| 1979 078C | | 14805 | USSR | 28 AUG | 99.7 | 74.1 | 748 | 741 | | |
| 1979 078D | | 14806 | USSR | 28 AUG | 100.6 | 74.1 | 794 | 779 | | |
| 1979 078E | | 18650 | USSR | 28 AUG | 99.6 | 74.1 | 747 | 734 | | |
| 1979 084A | COSMOS 1130 | 11538 | USSR | 25 SEP | 114.6 | 74.0 | 1478 | 1395 | | |
| 1979 084B | COSMOS 1131 | 11539 | USSR | 25 SEP | 114.8 | 74.0 | 1481 | 1408 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1979 LAUNCHES (CONT.) | | | | | | | | | | |
| 1979 084C | COSMOS 1132 | 11540 | USSR | 25 SEP | 114.9 | 74.0 | 1480 | 1423 | | |
| 1979 084D | COSMOS 1133 | 11541 | USSR | 25 SEP | 115.1 | 74.0 | 1481 | 1436 | | |
| 1979 084E | COSMOS 1134 | 11542 | USSR | 25 SEP | 115.3 | 74.0 | 1482 | 1451 | | |
| 1979 084F | COSMOS 1135 | 11543 | USSR | 25 SEP | 115.4 | 74.0 | 1490 | 1460 | | |
| 1979 084G | COSMOS 1136 | 11544 | USSR | 25 SEP | 115.6 | 74.0 | 1494 | 1470 | | |
| 1979 084H | COSMOS 1137 | 11545 | USSR | 25 SEP | 115.8 | 74.0 | 1512 | 1470 | | |
| 1979 084J | | 11546 | USSR | 25 SEP | 117.8 | 74.0 | 1691 | 1480 | | |
| 1979 086A | | 11558 | US | 1 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 086C | | 11560 | US | 1 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1979 087A | EKRAN 4 | 11561 | USSR | 3 OCT | 1435.6 | 9.5 | 35861 | 35690 | | |
| 1979 087C | | 17939 | USSR | 3 OCT | 1433.0 | 9.5 | 35905 | 35547 | | |
| 1979 089A | COSMOS 1140 | 11573 | USSR | 11 OCT | 100.4 | 74.1 | 790 | 766 | | |
| 1979 089B | | 11574 | USSR | 11 OCT | 100.2 | 74.1 | 782 | 758 | | |
| 1979 089C | | 14807 | USSR | 11 OCT | 99.7 | 74.1 | 747 | 736 | | |
| 1979 089D | | 14345 | USSR | 11 OCT | 100.1 | 74.0 | 776 | 754 | | |
| 1979 089E | | 19048 | USSR | 11 OCT | 100.2 | 74.0 | 785 | 755 | | |
| 1979 090A | COSMOS 1141 | 11585 | USSR | 16 OCT | 104.6 | 83.0 | 997 | 952 | | |
| 1979 090B | | 11586 | USSR | 16 OCT | 104.4 | 82.9 | 989 | 947 | | |
| 1979 090C | | 11587 | USSR | 16 OCT | 102.8 | 82.9 | 910 | 872 | | |
| 1979 091A | MOLNIYA 1-45 | 11589 | USSR | 20 OCT | 717.9 | 62.4 | 39814 | 548 | | |
| 1979 091D | | 11602 | USSR | 20 OCT | 731.9 | 62.8 | 40565 | 485 | | |
| 1979 093A | COSMOS 1143 | 11600 | USSR | 26 OCT | 95.9 | 81.2 | 568 | 555 | | |
| 1979 093B | | 11601 | USSR | 26 OCT | 96.2 | 81.2 | 606 | 543 | | |
| 1979 095A | METEOR 2-5 | 11605 | USSR | 31 OCT | 102.4 | 81.2 | 880 | 862 | | |
| 1979 095B | | 11608 | USSR | 31 OCT | 102.5 | 81.2 | 915 | 833 | | |
| 1979 098A | | 11621 | US | 21 NOV | 1436.1 | 7.1 | 35794 | 35778 | | |
| 1979 098B | | 11622 | US | 21 NOV | 1436.2 | 7.2 | 35793 | 35782 | | |
| 1979 098C | | 11623 | US | 21 NOV | 1510.8 | 8.4 | 38520 | 35952 | | |
| 1979 099A | COSMOS 1145 | 11629 | USSR | 27 NOV | 95.4 | 81.2 | 542 | 537 | | |
| 1979 099B | | 11630 | USSR | 27 NOV | 96.0 | 81.2 | 600 | 528 | | |
| 1979 101A | RCA SATCOM III | 11635 | US | 7 DEC | 788.9 | 8.5 | 35643 | 8165 | | |
| 1979 105A | GORIZONT 3 | 11648 | USSR | 28 DEC | 1436.6 | 9.0 | 35813 | 35777 | | |
| 1979 105E | | 11684 | USSR | 28 DEC | 1459.2 | 9.2 | 36304 | 36172 | | |
| 1980 LAUNCHES | | | | | | | | | | |
| 1980 002A | MOLNIYA 1-46 | 11662 | USSR | 11 JAN | 717.3 | 63.8 | 39976 | 356 | | |
| 1980 002F | | 11670 | USSR | 11 JAN | 732.7 | 64.1 | 40422 | 665 | | |
| 1980 003A | COSMOS 1150 | 11667 | USSR | 14 JAN | 104.8 | 82.9 | 1011 | 962 | | |
| 1980 003B | | 11668 | USSR | 14 JAN | 104.7 | 82.9 | 997 | 962 | | |
| 1980 004A | FLTSATCOM 3 | 11669 | US | 18 JAN | 1436.1 | 7.1 | 35873 | 35700 | | |
| 1980 005A | COSMOS 1151 | 11671 | USSR | 23 JAN | 96.7 | 82.5 | 610 | 586 | | |
| 1980 005B | | 11672 | USSR | 23 JAN | 97.2 | 82.5 | 638 | 614 | | |
| 1980 007A | COSMOS 1153 | 11680 | USSR | 25 JAN | 104.8 | 82.9 | 1015 | 957 | | |
| 1980 007B | | 11681 | USSR | 25 JAN | 104.7 | 82.9 | 1009 | 952 | | |
| 1980 008A | COSMOS 1154 | 11682 | USSR | 30 JAN | 96.1 | 81.2 | 573 | 568 | | |
| 1980 008B | | 11683 | USSR | 30 JAN | 96.3 | 81.2 | 620 | 544 | | |
| 1980 011A | | 11690 | US | 9 FEB | 718.0 | 64.3 | 20510 | 19855 | | |
| 1980 011B | | 11705 | US | 9 FEB | 289.6 | 63.6 | 15665 | 574 | | |
| 1980 012A | COSMOS 1156 | 11691 | USSR | 11 FEB | 114.5 | 74.0 | 1472 | 1396 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1980 LAUNCHES (CONT.) | | | | | | | | | | |
| 1980 012B | COSMOS 1157 | 11692 | USSR | 11 FEB | 114.8 | 74.0 | 1474 | 1413 | | |
| 1980 012C | COSMOS 1158 | 11693 | USSR | 11 FEB | 115.0 | 74.0 | 1474 | 1432 | | |
| 1980 012D | COSMOS 1159 | 11694 | USSR | 11 FEB | 115.2 | 74.0 | 1477 | 1448 | | |
| 1980 012E | COSMOS 1160 | 11695 | USSR | 11 FEB | 115.4 | 74.0 | 1481 | 1463 | | |
| 1980 012F | COSMOS 1161 | 11696 | USSR | 11 FEB | 115.6 | 74.0 | 1500 | 1465 | | |
| 1980 012G | COSMOS 1162 | 11697 | USSR | 11 FEB | 115.8 | 74.0 | 1517 | 1470 | | |
| 1980 012H | COSMOS 1163 | 11698 | USSR | 11 FEB | 116.1 | 74.0 | 1540 | 1469 | | |
| 1980 012J | | 11699 | USSR | 11 FEB | 117.8 | 74.0 | 1692 | 1466 | | |
| 1980 016A | RADUGA 6 | 11708 | USSR | 20 FEB | 1435.3 | 9.2 | 35788 | 35755 | | |
| 1980 016D | | 11728 | USSR | 20 FEB | 1475.1 | 9.5 | 36616 | 36476 | | |
| 1980 018A | AYAME 2 | 11715 | JAPAN | 22 FEB | 1386.6 | 1.4 | 36839 | 32785 | | |
| 1980 018C | | 11718 | JAPAN | 22 FEB | 337.6 | 24.5 | 19134 | 231 | | |
| 1980 019A | | 11720 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019B | | 11721 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019C | | 11731 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019D | | 11732 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019E | | 11733 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019F | | 11734 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019G | | 11745 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 019H | | 11746 | US | 3 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 022A | COSMOS 1169 | 11735 | USSR | 17 MAR | 104.7 | 82.9 | 1007 | 956 | | |
| 1980 022B | | 11736 | USSR | 17 MAR | 104.6 | 82.9 | 1000 | 953 | | |
| 1980 022C | | 12404 | USSR | 17 MAR | 103.4 | 82.9 | 942 | 895 | | |
| 1980 026A | COSMOS 1171 | 11750 | USSR | 3 APR | 104.8 | 65.8 | 1000 | 970 | | |
| 1980 026B | | 11751 | USSR | 3 APR | 104.6 | 65.8 | 990 | 963 | | |
| 1980 026C | | 11752 | USSR | 3 APR | 104.8 | 65.8 | 997 | 969 | | |
| 1980 028A | COSMOS 1172 | 11758 | USSR | 12 APR | 717.9 | 66.0 | 37856 | 2505 | | |
| 1980 028E | | 11762 | USSR | 12 APR | 722.2 | 66.5 | 38465 | 2108 | | |
| 1980 030A | COSMOS 1174 | 11765 | USSR | 18 APR | 103.5 | 66.1 | 1469 | 378 | | |
| 1980 030B - 030AY | | | USSR | 18 APR | SEE NOTE | | 31* | | | 31* |
| 1980 032A | | 11783 | US | 26 APR | 717.9 | 63.6 | 20613 | 19748 | | |
| 1980 032B | | 11791 | US | 26 APR | 232.3 | 63.2 | 12026 | 250 | | |
| 1980 034A | COSMOS 1176 | 11788 | USSR | 29 APR | 103.4 | 64.8 | 953 | 883 | | |
| 1980 034D | | 11971 | USSR | 29 APR | 103.1 | 64.8 | 925 | 883 | | |
| 1980 039A | COSMOS 1181 | 11803 | USSR | 20 MAY | 104.8 | 82.9 | 1003 | 967 | | |
| 1980 039D | | 11804 | USSR | 20 MAY | 104.7 | 82.9 | 993 | 964 | | |
| 1980 044A | COSMOS 1184 | 11821 | USSR | 4 JUN | 95.9 | 81.2 | 570 | 555 | | |
| 1980 044B | | 11822 | USSR | 4 JUN | 96.5 | 81.3 | 625 | 560 | | |
| 1980 049A | GORIZONT 4 | 11841 | USSR | 14 JUN | 1460.1 | 8.7 | 36264 | 36243 | | |
| 1980 049F | | 11862 | USSR | 14 JUN | 1470.3 | 9.0 | 36589 | 36319 | | |
| 1980 050A | COSMOS 1188 | 11844 | USSR | 14 JUN | 717.6 | 67.4 | 37061 | 3284 | | |
| 1980 050B | | 11847 | USSR | 14 JUN | 722.9 | 67.5 | 37216 | 3389 | | |
| 1980 051A | METEOR 1-30 | 11848 | USSR | 18 JUN | 93.8 | 97.7 | 475 | 448 | | |
| 1980 051B | | 11849 | USSR | 18 JUN | 96.4 | 97.5 | 607 | 565 | | |
| 1980 052C | | 11852 | US | 18 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 053A | MOLNIYA 1-47 | 11856 | USSR | 21 JUN | 277.0 | 63.5 | 15293 | 103 | | |
| 1980 053D | | 11861 | USSR | 21 JUN | 680.7 | 63.9 | 38432 | 76 | | |
| 1980 056A | COSMOS 1190 | 11869 | USSR | 1 JUL | 100.6 | 74.0 | 794 | 779 | | |
| 1980 056B | | 11870 | USSR | 1 JUL | 100.5 | 74.1 | 793 | 768 | | |
| 1980 056C | | 14808 | USSR | 1 JUL | 100.9 | 74.0 | 815 | 786 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1980 LAUNCHES (CONT.) | | | | | | | | | | |
| 1980 056D | | 14809 | USSR | 1 JUL | 100.7 | 74.0 | 802 | 781 | | |
| 1980 057A | COSMOS 1191 | 11871 | USSR | 2 JUL | 716.4 | 67.8 | 35060 | 5224 | | |
| 1980 057D | | 11888 | USSR | 2 JUL | 722.0 | 67.7 | 35588 | 4975 | | |
| 1980 057E | | 13999 | USSR | 2 JUL | 708.6 | 65.6 | 37648 | 2254 | | |
| 1980 058A | COSMOS 1192 | 11875 | USSR | 9 JUL | 114.5 | 74.0 | 1472 | 1393 | | |
| 1980 058B | COSMOS 1193 | 11876 | USSR | 9 JUL | 114.7 | 74.0 | 1473 | 1411 | | |
| 1980 058C | COSMOS 1194 | 11877 | USSR | 9 JUL | 114.9 | 74.0 | 1472 | 1430 | | |
| 1980 058D | COSMOS 1195 | 11878 | USSR | 9 JUL | 115.1 | 74.0 | 1472 | 1448 | | |
| 1980 058E | COSMOS 1196 | 11879 | USSR | 9 JUL | 115.3 | 74.0 | 1472 | 1466 | | |
| 1980 058F | COSMOS 1197 | 11880 | USSR | 9 JUL | 115.5 | 74.0 | 1490 | 1469 | | |
| 1980 058G | COSMOS 1198 | 11881 | USSR | 9 JUL | 115.7 | 74.0 | 1506 | 1471 | | |
| 1980 058H | COSMOS 1199 | 11882 | USSR | 9 JUL | 116.0 | 74.0 | 1529 | 1471 | | |
| 1980 058J | | 11883 | USSR | 9 JUL | 117.6 | 74.0 | 1679 | 1468 | | |
| 1980 060A | EKRAN 5 | 11890 | USSR | 14 JUL | 1436.1 | 0.0 | 35834 | 35737 | | |
| 1980 060F | | 14193 | USSR | 14 JUL | 1417.3 | 8.9 | 35496 | 35339 | | |
| 1980 063A | MOLNIYA 3-13 | 11896 | USSR | 18 JUL | 717.8 | 63.4 | 39047 | 1306 | | |
| 1980 063D | | 11909 | USSR | 18 JUL | 732.5 | 63.6 | 39899 | 1178 | | |
| 1980 069A | COSMOS 1206 | 11932 | USSR | 15 AUG | 95.9 | 81.2 | 565 | 558 | | |
| 1980 069B | | 11933 | USSR | 15 AUG | 96.4 | 81.2 | 624 | 548 | | |
| 1980 073A | METEOR 2-6 | 11962 | USSR | 9 SEP | 102.2 | 81.2 | 887 | 835 | | |
| 1980 073B | | 11963 | USSR | 9 SEP | 102.2 | 81.2 | 910 | 817 | | |
| 1980 074A | GOES 4 | 11964 | US | 9 SEP | 1451.3 | 7.2 | 36209 | 35956 | | |
| 1980 074C | | 11970 | US | 9 SEP | 1767.3 | 0.1 | 49745 | 34341 | | |
| 1980 081A | RADUGA 7 | 12003 | USSR | 5 OCT | 1436.9 | 8.8 | 35824 | 35778 | | |
| 1980 081F | | 12447 | USSR | 5 OCT | 1440.4 | 8.9 | 35881 | 35860 | | |
| 1980 085A | COSMOS 1217 | 12032 | USSR | 24 OCT | 716.3 | 67.3 | 36919 | 3364 | | |
| 1980 085D | | 12035 | USSR | 24 OCT | 721.9 | 67.6 | 37750 | 2807 | | |
| 1980 087A | FLTSATCOM 4 | 12046 | US | 31 OCT | 1436.1 | 7.0 | 35804 | 35768 | | |
| 1980 087B | | 12069 | US | 31 OCT | 192.9 | 26.2 | 9097 | 262 | | |
| 1980 089A | COSMOS 1220 | 12054 | USSR | 4 NOV | 98.2 | 65.0 | 807 | 537 | | |
| 1980 089B - 089CG | | | USSR | 4 NOV | SEE NOTE | | 32* | | | 32* |
| 1980 091A | SBS 1 | 12055 | US | 15 NOV | 1442.5 | 3.8 | 35943 | 35878 | | |
| 1980 092A | MOLNIYA 1-48 | 12066 | USSR | 16 NOV | 713.8 | 63.6 | 39566 | 590 | | |
| 1980 092D | | 12070 | USSR | 16 NOV | 733.6 | 63.9 | 40402 | 728 | | |
| 1980 093A | COSMOS 1222 | 12071 | USSR | 21 NOV | 96.3 | 81.2 | 582 | 575 | | |
| 1980 093B | | 12072 | USSR | 21 NOV | 96.4 | 81.2 | 623 | 545 | | |
| 1980 095A | COSMOS 1223 | 12078 | USSR | 27 NOV | 718.5 | 68.2 | 35831 | 4557 | | |
| 1980 095E | | 12086 | USSR | 27 NOV | 723.3 | 69.0 | 36448 | 4179 | | |
| 1980 097A | COSMOS 1225 | 12087 | USSR | 5 DEC | 104.8 | 82.9 | 1023 | 944 | | |
| 1980 097B | | 12088 | USSR | 5 DEC | 104.6 | 82.9 | 1011 | 939 | | |
| 1980 098A | INTELSAT 5 F-2 | 12089 | ITSO | 6 DEC | 1436.2 | 2.3 | 35802 | 35773 | | |
| 1980 098B | | 12445 | US | 6 DEC | 229.8 | 23.6 | 11763 | 333 | | |
| 1980 099A | COSMOS 1226 | 12091 | USSR | 10 DEC | 104.8 | 82.9 | 1007 | 959 | | |
| 1980 099B | | 12092 | USSR | 10 DEC | 104.6 | 82.9 | 997 | 954 | | |
| 1980 100A | | 12093 | US | 13 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 100B | | 12094 | US | 13 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1980 102A | COSMOS 1228 | 12107 | USSR | 23 DEC | 114.4 | 74.0 | 1462 | 1391 | | |
| 1980 102B | COSMOS 1229 | 12108 | USSR | 23 DEC | 114.6 | 74.0 | 1462 | 1412 | | |
| 1980 102C | COSMOS 1230 | 12109 | USSR | 23 DEC | 114.4 | 74.0 | 1462 | 1397 | | |
| 1980 102D | COSMOS 1231 | 12110 | USSR | 23 DEC | 114.5 | 74.0 | 1462 | 1404 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1980 LAUNCHES (CONT.) | | | | | | | | | | |
| 1980 102E | COSMOS 1232 | 12111 | USSR | 23 DEC | 114.6 | 74.0 | 1462 | 1410 | | |
| 1980 102F | COSMOS 1233 | 12112 | USSR | 23 DEC | 114.7 | 74.0 | 1463 | 1416 | | |
| 1980 102G | COSMOS 1234 | 12113 | USSR | 23 DEC | 114.6 | 74.0 | 1462 | 1407 | | |
| 1980 102H | COSMOS 1235 | 12114 | USSR | 23 DEC | 114.5 | 74.0 | 1463 | 1411 | | |
| 1980 102J | | 12115 | USSR | 23 DEC | 114.9 | 74.0 | 1467 | 1435 | | |
| 1980 103A | PROGNOZ 8 | 12116 | USSR | 25 DEC | 5687.8 | 65.8 | 197364 | 978 | | |
| 1980 104A | EKRAN 6 | 12120 | USSR | 26 DEC | 1436.9 | 8.7 | 35814 | 35791 | | |
| 1980 104C | | 12471 | USSR | 26 DEC | 1421.0 | 8.6 | 35632 | 35349 | | |
| 1981 LAUNCHES | | | | | | | | | | |
| 1981 002A | MOLNIYA 3-14 | 12133 | USSR | 9 JAN | 717.7 | 64.0 | 38466 | 1885 | | |
| 1981 002B | | 12134 | USSR | 9 JAN | 732.2 | 64.2 | 38851 | 2211 | | |
| 1981 003A | COSMOS 1238 | 12138 | USSR | 16 JAN | 106.9 | 83.0 | 1763 | 398 | | |
| 1981 003B | | 12139 | USSR | 16 JAN | 105.7 | 83.0 | 1659 | 394 | | |
| 1981 006A | COSMOS 1241 | 12149 | USSR | 21 JAN | 104.9 | 65.8 | 1008 | 973 | | |
| 1981 006B | | 12150 | USSR | 21 JAN | 104.6 | 65.8 | 1022 | 932 | | |
| 1981 006C | | 12151 | USSR | 21 JAN | 104.9 | 65.8 | 1005 | 970 | | |
| 1981 008A | COSMOS 1242 | 12154 | USSR | 27 JAN | 96.6 | 81.2 | 603 | 587 | | |
| 1981 008B | | 12155 | USSR | 27 JAN | 96.7 | 81.2 | 645 | 553 | | |
| 1981 009A | MOLNIYA 1-49 | 12156 | USSR | 30 JAN | 717.3 | 63.9 | 38224 | 2109 | | |
| 1981 009D | | 12159 | USSR | 30 JAN | 731.7 | 64.2 | 38890 | 2146 | | |
| 1981 012A | KIKU 3 | 12295 | JAPAN | 11 FEB | 425.2 | 28.4 | 24450 | 254 | | |
| 1981 012C | | 12787 | JAPAN | 11 FEB | 532.3 | 28.1 | 30491 | 266 | | |
| 1981 013A | COSMOS 1244 | 12297 | USSR | 12 FEB | 104.7 | 82.9 | 1005 | 958 | | |
| 1981 013B | | 12298 | USSR | 12 FEB | 104.6 | 82.9 | 999 | 953 | | |
| 1981 016A | COSMOS 1247 | 12303 | USSR | 19 FEB | 711.0 | 67.6 | 35529 | 4491 | | |
| 1981 016E | | 12311 | USSR | 19 FEB | 703.5 | 67.5 | 35158 | 4491 | | |
| 1981 016F | | 12984 | USSR | 19 FEB | 710.4 | 67.6 | 35470 | 4521 | | |
| 1981 016G | | 12985 | USSR | 19 FEB | 710.1 | 65.4 | 37292 | 2682 | | |
| 1981 016H | | 12992 | USSR | 19 FEB | 706.6 | 65.8 | 38696 | 1106 | | |
| 1981 017A | ASTRO A | 12307 | JAPAN | 21 FEB | 92.5 | 31.3 | 408 | 388 | | |
| 1981 017B | | 12308 | JAPAN | 21 FEB | 91.9 | 31.3 | 378 | 359 | | |
| 1981 018A | COMSTAR 4 | 12309 | US | 21 FEB | 92.1 | 31.3 | 387 | 366 | | |
| 1981 018B | | 12363 | US | 21 FEB | 649.9 | 20.2 | 36361 | 587 | | |
| 1981 021A | COSMOS 1249 | 12319 | USSR | 5 MAR | 103.9 | 65.0 | 970 | 911 | | |
| 1981 021C | | 12551 | USSR | 5 MAR | 103.5 | 65.0 | 945 | 906 | | |
| 1981 022A | COSMOS 1250 | 12320 | USSR | 6 MAR | 114.4 | 74.0 | 1470 | 1387 | | |
| 1981 022B | COSMOS 1251 | 12321 | USSR | 6 MAR | 114.6 | 74.0 | 1471 | 1401 | | |
| 1981 022C | COSMOS 1252 | 12322 | USSR | 6 MAR | 114.7 | 74.0 | 1470 | 1415 | | |
| 1981 022D | COSMOS 1253 | 12323 | USSR | 6 MAR | 115.6 | 74.0 | 1494 | 1466 | | |
| 1981 022E | COSMOS 1254 | 12324 | USSR | 6 MAR | 114.9 | 74.0 | 1470 | 1429 | | |
| 1981 022F | COSMOS 1255 | 12325 | USSR | 6 MAR | 115.0 | 74.0 | 1470 | 1443 | | |
| 1981 022G | COSMOS 1256 | 12326 | USSR | 6 MAR | 115.2 | 74.0 | 1474 | 1455 | | |
| 1981 022H | COSMOS 1257 | 12327 | USSR | 6 MAR | 115.4 | 74.0 | 1477 | 1466 | | |
| 1981 022J | | 12328 | USSR | 6 MAR | 117.6 | 74.0 | 1693 | 1455 | | |
| 1981 025A | | 12339 | US | 16 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 025C | | 12371 | US | 16 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 027A | RADUGA 8 | 12351 | USSR | 18 MAR | 1435.0 | 8.6 | 36112 | 35417 | | |
| 1981 027F | | 14194 | USSR | 18 MAR | 1474.5 | 8.9 | 36614 | 36454 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1981 LAUNCHES (CONT.) | | | | | | | | | | |
| 1981 028B - 028W | | | USSR | 20 MAR | SEE NOTE | | 33* | | | 33* |
| 1981 030A | MOLNIYA 3-15 | 12368 | USSR | 24 MAR | 717.6 | 64.6 | 39728 | 619 | | |
| 1981 030D | | 12383 | USSR | 24 MAR | 732.8 | 64.9 | 40202 | 888 | | |
| 1981 031A | COSMOS 1261 | 12376 | USSR | 31 MAR | 717.3 | 67.9 | 36189 | 4141 | | |
| 1981 031D | | 12384 | USSR | 31 MAR | 707.5 | 67.9 | 35558 | 4286 | | |
| 1981 031E | | 12392 | USSR | 31 MAR | 719.1 | 67.9 | 36133 | 4287 | | |
| 1981 031F | | 12393 | USSR | 31 MAR | 716.1 | 64.2 | 37401 | 2868 | | |
| 1981 031G | | 12394 | USSR | 31 MAR | 718.4 | 65.3 | 37210 | 3174 | | |
| 1981 033A | COSMOS 1263 | 12388 | USSR | 9 APR | 106.6 | 83.0 | 1754 | 388 | | |
| 1981 033B | | 12389 | USSR | 9 APR | 104.9 | 83.0 | 1606 | 374 | | |
| 1981 036E | | 12427 | USSR | 16 APR | 102.6 | 99.0 | 1010 | 757 | | |
| 1981 037A | COSMOS 1266 | 12409 | USSR | 21 APR | 103.6 | 64.8 | 958 | 896 | | |
| 1981 037D | | 12435 | USSR | 21 APR | 103.4 | 64.8 | 940 | 893 | | |
| 1981 038A | | 12418 | US | 24 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 038B | | 12446 | US | 24 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 041A | COSMOS 1269 | 12442 | USSR | 7 MAY | 100.7 | 74.1 | 799 | 784 | | |
| 1981 041B | | 12443 | USSR | 7 MAY | 100.6 | 74.1 | 791 | 782 | | |
| 1981 041C | | 13498 | USSR | 7 MAY | 100.3 | 74.0 | 783 | 766 | | |
| 1981 041D | | 14346 | USSR | 7 MAY | 99.9 | 74.1 | 765 | 745 | | |
| 1981 043A | METEOR 2-7 | 12456 | USSR | 14 MAY | 102.2 | 81.3 | 891 | 835 | | |
| 1981 043B | | 12457 | USSR | 14 MAY | 102.4 | 81.3 | 917 | 824 | | |
| 1981 043C | | 15769 | USSR | 14 MAY | 102.4 | 81.3 | 916 | 826 | | |
| 1981 044A | NNSS 30480 | 12458 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 046A | COSMOS 1271 | 12464 | USSR | 19 MAY | 96.6 | 81.2 | 605 | 586 | | |
| 1981 046B | | 12465 | USSR | 19 MAY | 96.9 | 81.2 | 646 | 573 | | |
| 1981 049A | GOES 5 | 12472 | US | 22 MAY | 1436.4 | 4.1 | 35806 | 35781 | | |
| 1981 050A | INTELSAT 5 F-1 | 12474 | ITSO | 23 MAY | 1436.1 | 2.8 | 35806 | 35769 | | |
| 1981 050B | | 12497 | US | 23 MAY | 225.9 | 24.0 | 11520 | 294 | | |
| 1981 053A | COSMOS 1275 | 12504 | USSR | 4 JUN | 104.7 | 83.0 | 1006 | 954 | | |
| 1981 053B - 053MR | | | USSR | 4 JUN | SEE NOTE | | 34* | | | 34* |
| 1981 054A | MOLNIYA 3-16 | 12512 | USSR | 9 JUN | 717.8 | 64.0 | 38841 | 1516 | | |
| 1981 054E | | 12519 | USSR | 9 JUN | 733.6 | 64.3 | 39248 | 1883 | | |
| 1981 057A | METEOSAT 2 | 12544 | ESA | 19 JUN | 1436.1 | 4.1 | 35803 | 35771 | | |
| 1981 057B | APPLE | 12545 | INDIA | 19 JUN | 1439.5 | 7.8 | 35950 | 35755 | | |
| 1981 057C | | 12546 | ESA | 19 JUN | 535.9 | 10.5 | 30696 | 258 | | |
| 1981 057D | | 12562 | ESA | 19 JUN | 315.5 | 10.6 | 17753 | 192 | | |
| 1981 057F | | 20837 | ESA | 19 JUN | 1449.2 | 7.5 | 36499 | 35585 | | |
| 1981 058A | COSMOS 1278 | 12547 | USSR | 19 JUN | 718.3 | 67.1 | 36340 | 4039 | | |
| 1981 058D | | 12561 | USSR | 19 JUN | 724.0 | 67.5 | 37186 | 3476 | | |
| 1981 058E | | 17256 | USSR | 19 JUN | 718.7 | 67.1 | 36355 | 4045 | | |
| 1981 059A | NOAA 7 | 12553 | US | 23 JUN | 101.7 | 99.0 | 849 | 831 | | |
| 1981 059B | | 12559 | US | 23 JUN | 101.1 | 99.0 | 815 | 808 | | |
| 1981 059C | | 12560 | US | 23 JUN | 101.1 | 99.0 | 815 | 809 | | |
| 1981 060A | MOLNIYA 1-50 | 12556 | USSR | 24 JUN | 716.4 | 64.1 | 40030 | 254 | | |
| 1981 060D | | 12563 | USSR | 24 JUN | 731.7 | 64.5 | 40653 | 388 | | |
| 1981 061A | EKRAN 7 | 12564 | USSR | 25 JUN | 1436.1 | 8.4 | 35797 | 35777 | | |
| 1981 061F | | 12851 | USSR | 25 JUN | 1425.6 | 8.3 | 35591 | 35572 | | |
| 1981 065A | METEOR 1-31 | 12585 | USSR | 10 JUL | 96.9 | 97.8 | 631 | 587 | | |
| 1981 065B | | 12586 | USSR | 10 JUL | 97.0 | 97.8 | 630 | 601 | | |
| 1981 069A | RADUGA 9 | 12618 | USSR | 30 JUL | 1435.7 | 8.2 | 35791 | 35765 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1981 LAUNCHES (CONT.) | | | | | | | | | | |
| 1981 069F | | 12850 | USSR | 30 JUL | 1473.9 | 8.5 | 36630 | 36416 | | |
| 1981 070A | DE 1 | 12624 | US | 3 AUG | 410.0 | 89.1 | 23342 | 463 | | |
| 1981 070E | | 12679 | US | 3 AUG | 411.2 | 89.0 | 23419 | 459 | | |
| 1981 070J | | 14620 | US | 3 AUG | 397.3 | 89.1 | 22560 | 488 | | |
| 1981 070K | | 14621 | US | 3 AUG | 399.2 | 89.1 | 22668 | 494 | | |
| 1981 070L | | 19478 | US | 3 AUG | 407.1 | 89.1 | 23115 | 516 | | |
| 1981 071A | COSMOS 1285 | 12627 | USSR | 4 AUG | 727.0 | 68.0 | 36691 | 4116 | | |
| 1981 071D | | 12690 | USSR | 4 AUG | 722.8 | 68.0 | 36367 | 4235 | | |
| 1981 071E | | 12993 | USSR | 4 AUG | 727.7 | 68.1 | 36658 | 4195 | | |
| 1981 071F | | 13961 | USSR | 4 AUG | 726.8 | 64.2 | 38048 | 2748 | | |
| 1981 073A | FLTSATCOM 5 | 12635 | US | 6 AUG | 1450.4 | 6.7 | 36309 | 36211 | | |
| 1981 074A | COSMOS 1287 | 12636 | USSR | 6 AUG | 115.7 | 74.0 | 1510 | 1462 | | |
| 1981 074B | COSMOS 1288 | 12637 | USSR | 6 AUG | 115.5 | 74.0 | 1490 | 1463 | | |
| 1981 074C | COSMOS 1289 | 12638 | USSR | 6 AUG | 114.7 | 74.0 | 1463 | 1423 | | |
| 1981 074D | COSMOS 1290 | 12639 | USSR | 6 AUG | 114.9 | 74.0 | 1463 | 1439 | | |
| 1981 074E | COSMOS 1291 | 12640 | USSR | 6 AUG | 115.1 | 74.0 | 1463 | 1455 | | |
| 1981 074F | COSMOS 1292 | 12641 | USSR | 6 AUG | 115.3 | 74.0 | 1474 | 1461 | | |
| 1981 074G | COSMOS 1293 | 12642 | USSR | 6 AUG | 114.6 | 74.0 | 1463 | 1406 | | |
| 1981 074H | COSMOS 1294 | 12643 | USSR | 6 AUG | 114.4 | 74.0 | 1462 | 1390 | | |
| 1981 074J | | 12644 | USSR | 6 AUG | 117.4 | 74.0 | 1669 | 1461 | | |
| 1981 075A | INTERCOSMOS | 12645 | USSR | 7 AUG | 101.7 | 81.2 | 983 | 790 | | |
| 1981 075B | | 12646 | USSR | 7 AUG | 101.8 | 81.2 | 891 | 793 | | |
| 1981 076A | GMS 2 | 12677 | JAPAN | 10 AUG | 1446.4 | 6.8 | 36033 | 35944 | | |
| 1981 077A | COSMOS 1295 | 12681 | USSR | 12 AUG | 104.6 | 82.9 | 1009 | 944 | | |
| 1981 077B | | 12682 | USSR | 12 AUG | 104.5 | 82.9 | 997 | 943 | | |
| 1981 081A | COSMOS 1299 | 12783 | USSR | 24 AUG | 103.9 | 65.1 | 963 | 926 | | |
| 1981 082A | COSMOS 1300 | 12785 | USSR | 24 AUG | 97.0 | 82.5 | 628 | 603 | | |
| 1981 082B | | 12786 | USSR | 24 AUG | 97.4 | 82.5 | 647 | 618 | | |
| 1981 084A | COSMOS 1302 | 12791 | USSR | 28 AUG | 100.6 | 74.0 | 799 | 773 | | |
| 1981 084B | | 12792 | USSR | 28 AUG | 100.4 | 74.0 | 788 | 769 | | |
| 1981 084C | | 12793 | USSR | 28 AUG | 100.2 | 74.0 | 773 | 766 | | |
| 1981 084D | | 14810 | USSR | 28 AUG | 100.8 | 74.0 | 810 | 779 | | |
| 1981 087A | COSMOS 1304 | 12803 | USSR | 4 SEP | 103.8 | 82.9 | 973 | 904 | | |
| 1981 087B | | 12804 | USSR | 4 SEP | 103.7 | 82.9 | 966 | 900 | | |
| 1981 088A | COSMOS 1305 | 12818 | USSR | 11 SEP | 263.7 | 63.5 | 13335 | 1150 | | |
| 1981 088F | | 12827 | USSR | 11 SEP | 262.4 | 63.4 | 13281 | 1113 | | |
| 1981 088G | | 14131 | USSR | 11 SEP | 248.4 | 63.2 | 12576 | 843 | | |
| 1981 088H | | 18598 | USSR | 11 SEP | 251.1 | 63.5 | 12852 | 759 | | |
| 1981 091A | COSMOS 1308 | 12835 | USSR | 18 SEP | 104.7 | 82.9 | 1000 | 960 | | |
| 1981 091B | | 12836 | USSR | 18 SEP | 104.6 | 82.9 | 993 | 960 | | |
| 1981 094A | OREOL 3 | 12848 | USSR | 21 SEP | 106.8 | 82.5 | 1757 | 395 | | |
| 1981 094B | | 12849 | USSR | 21 SEP | 108.4 | 82.5 | 1903 | 400 | | |
| 1981 096A | SBS 2 | 12855 | US | 24 SEP | 1436.2 | 2.9 | 35798 | 35777 | | |
| 1981 098A | COSMOS 1312 | 12879 | USSR | 30 SEP | 115.9 | 82.6 | 1501 | 1488 | | |
| 1981 098B | | 12880 | USSR | 30 SEP | 115.8 | 82.6 | 1498 | 1485 | | |
| 1981 100C | | 12889 | US | 6 OCT | 118.8 | 99.9 | 2708 | 549 | | |
| 1981 102A | RADUGA 10 | 12897 | USSR | 9 OCT | 1435.9 | 7.9 | 35805 | 35760 | | |
| 1981 102F | | 14195 | USSR | 9 OCT | 1437.9 | 8.1 | 35881 | 35762 | | |
| 1981 103A | COSMOS 1315 | 12903 | USSR | 13 OCT | 96.8 | 81.2 | 619 | 588 | | |
| 1981 103B | | 12904 | USSR | 13 OCT | 97.1 | 81.2 | 650 | 586 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1981 LAUNCHES (CONT.) | | | | | | | | | | |
| 1981 105A | MOLNIYA 3-17 | 12915 | USSR | 17 OCT | 713.6 | 64.2 | 39365 | 783 | | |
| 1981 105E | | 12920 | USSR | 17 OCT | 733.2 | 64.4 | 40011 | 1102 | | |
| 1981 106A | VENERA 13 | 12927 | USSR | 30 OCT | HELIOCENTRIC ORBIT | | | | | |
| 1981 107A | | 12930 | US | 31 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 107C | | 12932 | US | 31 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1981 108A | COSMOS 1317 | 12933 | USSR | 31 OCT | 718.9 | 67.7 | 35892 | 4513 | | |
| 1981 108D | | 12940 | USSR | 31 OCT | 723.2 | 67.7 | 36537 | 4082 | | |
| 1981 108E | | 14734 | USSR | 31 OCT | 713.6 | 65.3 | 36709 | 3438 | | |
| 1981 108F | | 14735 | USSR | 31 OCT | 714.7 | 65.1 | 36478 | 3725 | | |
| 1981 108G | | 14736 | USSR | 31 OCT | 719.4 | 62.9 | 38860 | 1576 | | |
| 1981 110A | VENERA 14 | 12938 | USSR | 4 NOV | HELIOCENTRIC ORBIT | | | | | |
| 1981 113A | MOLNIYA 1-51 | 12959 | USSR | 17 NOV | 717.9 | 64.0 | 39262 | 1098 | | |
| 1981 113D | | 12986 | USSR | 17 NOV | 698.9 | 64.3 | 38202 | 1214 | | |
| 1981 114A | RCA SATCOM IIIR | 12967 | US | 20 NOV | 1436.1 | 0.3 | 35802 | 35771 | | |
| 1981 115A | BHASKARA 2 | 12968 | INDIA | 20 NOV | 92.5 | 50.6 | 398 | 393 | | |
| 1981 116A | COSMOS 1320 | 12975 | USSR | 28 NOV | 117.2 | 74.0 | 1632 | 1479 | | |
| 1981 116B | COSMOS 1321 | 12976 | USSR | 28 NOV | 117.2 | 74.0 | 1629 | 1480 | | |
| 1981 116C | COSMOS 1322 | 12977 | USSR | 28 NOV | 117.2 | 74.0 | 1627 | 1479 | | |
| 1981 116D | COSMOS 1323 | 12978 | USSR | 28 NOV | 117.1 | 74.0 | 1622 | 1480 | | |
| 1981 116E | COSMOS 1324 | 12979 | USSR | 28 NOV | 117.1 | 74.0 | 1618 | 1479 | | |
| 1981 116F | COSMOS 1325 | 12980 | USSR | 28 NOV | 117.0 | 74.0 | 1614 | 1479 | | |
| 1981 116G | COSMOS 1326 | 12981 | USSR | 28 NOV | 117.0 | 74.0 | 1609 | 1478 | | |
| 1981 116H | COSMOS 1327 | 12982 | USSR | 28 NOV | 116.9 | 74.0 | 1601 | 1480 | | |
| 1981 116J | | 12983 | USSR | 28 NOV | 117.5 | 74.0 | 1661 | 1479 | | |
| 1981 117A | COSMOS 1328 | 12987 | USSR | 3 DEC | 97.1 | 82.5 | 631 | 608 | | |
| 1981 117B | | 12988 | USSR | 3 DEC | 97.4 | 82.5 | 648 | 618 | | |
| 1981 119A | INTELSAT 5 F-3 | 12994 | ITSO | 15 DEC | 1436.1 | 1.8 | 35807 | 35768 | | |
| 1981 119B | | 13007 | US | 15 DEC | 229.0 | 23.5 | 11706 | 336 | | |
| 1981 120A | RADIO 3 | 12997 | USSR | 17 DEC | 118.4 | 83.0 | 1655 | 1562 | | |
| 1981 120B | RADIO 8 | 12998 | USSR | 17 DEC | 119.6 | 82.9 | 1680 | 1648 | | |
| 1981 120C | RADIO 5 | 12999 | USSR | 17 DEC | 119.4 | 82.9 | 1666 | 1644 | | |
| 1981 120D | RADIO 4 | 13000 | USSR | 17 DEC | 119.3 | 83.0 | 1662 | 1633 | | |
| 1981 120E | RADIO 7 | 13001 | USSR | 17 DEC | 119.1 | 83.0 | 1656 | 1621 | | |
| 1981 120F | RADIO 6 | 13002 | USSR | 17 DEC | 118.6 | 83.0 | 1657 | 1578 | | |
| 1981 120G | | 13003 | USSR | 17 DEC | 120.8 | 82.9 | 1782 | 1650 | | |
| 1981 122A | MARECS A | 13010 | ESA | 20 DEC | 1436.0 | 4.0 | 35821 | 35753 | | |
| 1981 122B | CAT 4 | 13011 | ESA | 20 DEC | 563.8 | 10.5 | 32228 | 227 | | |
| 1981 123A | MOLNIYA 1-52 | 13012 | USSR | 23 DEC | 717.9 | 63.9 | 38616 | 1746 | | |
| 1981 123D | | 13016 | USSR | 23 DEC | 695.2 | 64.2 | 37315 | 1919 | | |
| 1982 LAUNCHES | | | | | | | | | | |
| 1982 001A | COSMOS 1331 | 13027 | USSR | 7 JAN | 100.4 | 74.1 | 797 | 760 | | |
| 1982 001B | | 13028 | USSR | 7 JAN | 100.4 | 74.1 | 793 | 761 | | |
| 1982 001C | | 13029 | USSR | 7 JAN | 100.2 | 74.0 | 779 | 759 | | |
| 1982 001D | | 13030 | USSR | 7 JAN | 99.8 | 74.0 | 766 | 730 | | |
| 1982 003A | COSMOS 1333 | 13033 | USSR | 14 JAN | 104.9 | 82.9 | 1011 | 964 | | |
| 1982 003B | | 13034 | USSR | 14 JAN | 104.7 | 82.9 | 1004 | 958 | | |
| 1982 004A | RCA SATCOM IV | 13035 | US | 16 JAN | 1436.2 | 0.0 | 35798 | 35779 | | |
| 1982 006C | | 13103 | US | 21 JAN | ELEMENTS NOT AVAILABLE | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1982 LAUNCHES (CONT.) | | | | | | | | | | |
| 1982 006D | | 13104 | US | 21 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1982 006E | | 13105 | US | 21 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1982 006F | | 13152 | US | 21 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1982 009A | EKRAN 8 | 13056 | USSR | 5 FEB | 1440.7 | 7.9 | 35995 | 35759 | | |
| 1982 009D | | 13059 | USSR | 5 FEB | 538.2 | 48.3 | 29461 | 1614 | | |
| 1982 009F | | 14117 | USSR | 5 FEB | 1426.0 | 7.8 | 35764 | 35413 | | |
| 1982 012A | COSMOS 1339 | 13065 | USSR | 17 FEB | 104.7 | 82.9 | 1013 | 947 | | |
| 1982 012B | | 13066 | USSR | 17 FEB | 104.6 | 82.9 | 1006 | 941 | | |
| 1982 013A | COSMOS 1340 | 13067 | USSR | 19 FEB | 96.9 | 81.2 | 616 | 601 | | |
| 1982 013B | | 13068 | USSR | 19 FEB | 96.9 | 81.2 | 638 | 587 | | |
| 1982 014A | WESTAR 4 | 13069 | US | 26 FEB | 1436.2 | 0.0 | 35796 | 35779 | | |
| 1982 015A | MOLNIYA 1-53 | 13070 | USSR | 26 FEB | 717.6 | 63.8 | 39520 | 826 | | |
| 1982 015D | | 13075 | USSR | 26 FEB | 730.9 | 64.0 | 40054 | 943 | | |
| 1982 016A | COSMOS 1341 | 13080 | USSR | 3 MAR | 717.6 | 67.7 | 35886 | 4457 | | |
| 1982 016D | | 13090 | USSR | 3 MAR | 709.0 | 67.5 | 35671 | 4247 | | |
| 1982 017A | INTELSAT 5 F-4 | 13083 | ITSO | 5 MAR | 1436.1 | 1.8 | 35803 | 35772 | | |
| 1982 019A | | 13086 | US | 6 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1982 019B | | 13089 | US | 6 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1982 020A | GORIZONT 5 | 13092 | USSR | 15 MAR | 1461.5 | 7.6 | 36434 | 36130 | | |
| 1982 020F | | 13899 | USSR | 15 MAR | 1460.0 | 7.8 | 36380 | 36124 | | |
| 1982 023A | MOLNIYA 3-18 | 13107 | USSR | 24 MAR | 717.9 | 64.5 | 39844 | 517 | | |
| 1982 023D | | 13112 | USSR | 24 MAR | 732.3 | 64.8 | 40386 | 680 | | |
| 1982 024A | COSMOS 1344 | 13110 | USSR | 24 MAR | 104.8 | 82.9 | 1007 | 963 | | |
| 1982 024B | | 13111 | USSR | 24 MAR | 104.7 | 82.9 | 1010 | 949 | | |
| 1982 025A | METEOR 2 | 13113 | USSR | 25 MAR | 104.0 | 82.5 | 957 | 933 | | |
| 1982 025B | | 13114 | USSR | 25 MAR | 104.0 | 82.5 | 957 | 934 | | |
| 1982 027A | COSMOS 1346 | 13120 | USSR | 31 MAR | 96.8 | 81.2 | 623 | 588 | | |
| 1982 027B | | 13121 | USSR | 31 MAR | 97.0 | 81.2 | 645 | 586 | | |
| 1982 029A | COSMOS 1348 | 13124 | USSR | 7 APR | 719.0 | 67.2 | 36064 | 4351 | | |
| 1982 029D | | 13169 | USSR | 7 APR | 705.4 | 67.4 | 35831 | 3908 | | |
| 1982 030A | COSMOS 1349 | 13127 | USSR | 8 APR | 104.8 | 82.9 | 1008 | 963 | | |
| 1982 030B | | 13128 | USSR | 8 APR | 104.7 | 82.9 | 1001 | 957 | | |
| 1982 031A | INSAT-1A | 13129 | INDIA | 10 APR | 1434.2 | 0.1 | 35936 | 35562 | | |
| 1982 037A | COSMOS 1354 | 13148 | USSR | 28 APR | 100.7 | 74.0 | 800 | 785 | | |
| 1982 037B | | 13149 | USSR | 28 APR | 100.6 | 74.0 | 795 | 775 | | |
| 1982 037C | | 14811 | USSR | 28 APR | 100.9 | 74.0 | 820 | 783 | | |
| 1982 039A | COSMOS 1356 | 13153 | USSR | 5 MAY | 97.0 | 81.2 | 629 | 603 | | |
| 1982 039B | | 13154 | USSR | 5 MAY | 97.3 | 81.2 | 673 | 590 | | |
| 1982 040A | COSMOS 1357 | 13160 | USSR | 6 MAY | 114.6 | 74.0 | 1477 | 1398 | | |
| 1982 040B | COSMOS 1358 | 13161 | USSR | 6 MAY | 114.8 | 74.0 | 1479 | 1413 | | |
| 1982 040C | COSMOS 1359 | 13162 | USSR | 6 MAY | 115.0 | 74.0 | 1479 | 1429 | | |
| 1982 040D | COSMOS 1360 | 13163 | USSR | 6 MAY | 115.2 | 74.0 | 1480 | 1444 | | |
| 1982 040E | COSMOS 1361 | 13164 | USSR | 6 MAY | 115.3 | 74.0 | 1481 | 1459 | | |
| 1982 040F | COSMOS 1362 | 13165 | USSR | 6 MAY | 115.5 | 74.0 | 1493 | 1465 | | |
| 1982 040G | COSMOS 1363 | 13166 | USSR | 6 MAY | 115.7 | 74.0 | 1502 | 1472 | | |
| 1982 040H | COSMOS 1364 | 13167 | USSR | 6 MAY | 115.9 | 74.0 | 1522 | 1471 | | |
| 1982 040J | | 13168 | USSR | 6 MAY | 117.7 | 74.1 | 1686 | 1470 | | |
| 1982 041C | | 13172 | US | 11 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1982 043A | COSMOS 1365 | 13175 | USSR | 14 MAY | 103.6 | 65.1 | 978 | 882 | | |
| 1982 043D | | 13594 | USSR | 14 MAY | 103.4 | 65.1 | 956 | 877 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1982 LAUNCHES (CONT.) | | | | | | | | | | |
| 1982 044A | COSMOS 1366 | 13177 | USSR | 17 MAY | 1435.9 | 7.3 | 35809 | 35756 | | |
| 1982 044F | | 14114 | USSR | 17 MAY | 1434.6 | 7.3 | 35832 | 35682 | | |
| 1982 045A | COSMOS 1367 | 13205 | USSR | 20 MAY | 718.0 | 66.3 | 36344 | 4022 | | |
| 1982 045D | | 13215 | USSR | 20 MAY | 704.0 | 66.4 | 36271 | 3402 | | |
| 1982 050A | MOLNIYA 1-54 | 13237 | USSR | 28 MAY | 717.7 | 64.7 | 39515 | 832 | | |
| 1982 050E | | 13253 | USSR | 28 MAY | 732.1 | 65.0 | 40007 | 1051 | | |
| 1992 051A | COSMOS 1371 | 13241 | USSR | 1 JUN | 100.7 | 74.0 | 803 | 783 | | |
| 1982 051B | | 13242 | USSR | 1 JUN | 100.5 | 74.0 | 803 | 764 | | |
| 1982 051C | | 14398 | USSR | 1 JUN | 100.6 | 74.1 | 788 | 782 | | |
| 1982 051D | | 18502 | USSR | 1 JUN | 100.6 | 74.1 | 788 | 785 | | |
| 1982 051E | | 18509 | USSR | 1 JUN | 100.6 | 74.0 | 795 | 775 | | |
| 1982 051F | | 18510 | USSR | 1 JUN | 100.6 | 74.0 | 801 | 773 | | |
| 1982 051G | | 19102 | USSR | 1 JUN | 100.5 | 74.1 | 796 | 771 | | |
| 1982 052A | COSMOS 1372 | 13243 | USSR | 1 JUN | 103.9 | 64.9 | 975 | 910 | | |
| 1982 052D | | 13416 | USSR | 1 JUN | 103.6 | 64.9 | 954 | 901 | | |
| 1982 055A | COSMOS 1375 | 13259 | USSR | 6 JUN | 105.0 | 65.8 | 1011 | 978 | | |
| 1982 055B - | 055BL | | USSR | 6 JUN | SEE NOTE | | 37* | | | 37* |
| 1982 058A | WESTAR 5 | 13269 | US | 9 JUN | 1436.1 | 0.0 | 35799 | 35777 | | |
| 1982 059A | COSMOS 1378 | 13271 | USSR | 10 JUN | 97.1 | 82.5 | 633 | 609 | | |
| 1982 059B | | 13272 | USSR | 10 JUN | 97.4 | 82.5 | 647 | 620 | | |
| 1982 064A | COSMOS 1382 | 13295 | USSR | 25 JUN | 716.8 | 68.0 | 36059 | 4247 | | |
| 1982 064D | | 13298 | USSR | 25 JUN | 708.4 | 67.8 | 35923 | 3968 | | |
| 1982 066A | COSMOS 1383 | 13301 | USSR | 29 JUN | 105.2 | 82.9 | 1025 | 982 | | |
| 1982 066B | | 13302 | USSR | 29 JUN | 105.1 | 82.9 | 1029 | 968 | | |
| 1982 069A | COSMOS 1386 | 13353 | USSR | 7 JUL | 104.6 | 83.0 | 1006 | 947 | | |
| 1982 069B | | 13354 | USSR | 7 JUL | 104.5 | 83.0 | 1008 | 930 | | |
| 1982 072A | LANDSAT 4 | 13367 | US | 16 JUL | 98.7 | 98.1 | 701 | 697 | | |
| 1982 073A | COSMOS 1388 | 13375 | USSR | 21 JUL | 114.5 | 74.0 | 1472 | 1391 | | |
| 1982 073B | COSMOS 1389 | 13376 | USSR | 21 JUL | 114.7 | 74.0 | 1473 | 1407 | | |
| 1982 073C | COSMOS 1390 | 13377 | USSR | 21 JUL | 114.9 | 74.0 | 1473 | 1425 | | |
| 1982 073D | COSMOS 1391 | 13378 | USSR | 21 JUL | 115.0 | 74.0 | 1470 | 1443 | | |
| 1982 073E | COSMOS 1392 | 13379 | USSR | 21 JUL | 115.2 | 74.0 | 1472 | 1458 | | |
| 1982 073F | COSMOS 1393 | 13380 | USSR | 21 JUL | 115.4 | 74.0 | 1480 | 1468 | | |
| 1982 073G | COSMOS 1394 | 13381 | USSR | 21 JUL | 115.6 | 74.0 | 1494 | 1472 | | |
| 1982 073H | COSMOS 1395 | 13382 | USSR | 21 JUL | 115.8 | 74.0 | 1514 | 1471 | | |
| 1982 073J | | 13386 | USSR | 21 JUL | 117.9 | 74.0 | 1709 | 1463 | | |
| 1982 074A | MOLNIYA 1-55 | 13383 | USSR | 21 JUL | 717.6 | 64.5 | 39776 | 568 | | |
| 1982 074D | | 13390 | USSR | 21 JUL | 698.6 | 64.5 | 38797 | 605 | | |
| 1982 079A | COSMOS 1400 | 13402 | USSR | 5 AUG | 96.7 | 81.2 | 612 | 593 | | |
| 1982 079B | | 13403 | USSR | 5 AUG | 97.1 | 81.2 | 656 | 583 | | |
| 1982 082A | ANIK D-1 | 13431 | CANADA | 26 AUG | 1436.1 | 0.0 | 35799 | 35775 | | |
| 1982 083A | MOLNIYA 3-19 | 13432 | USSR | 27 AUG | 717.4 | 64.0 | 38545 | 1791 | | |
| 1982 083E | | 13446 | USSR | 27 AUG | 733.1 | 64.3 | 39350 | 1757 | | |
| 1982 087A | ETS 3 | 13492 | JAPAN | 3 SEP | 107.2 | 44.6 | 1227 | 966 | | |
| 1982 087B | | 13493 | JAPAN | 3 SEP | 105.1 | 44.6 | 1008 | 992 | | |
| 1982 087C | | 13510 | JAPAN | 3 SEP | 107.1 | 44.6 | 1227 | 956 | | |
| 1982 087D | | 14569 | JAPAN | 3 SEP | 106.3 | 44.9 | 1146 | 963 | | |
| 1982 092A | COSMOS 1408 | 13552 | USSR | 16 SEP | 97.1 | 82.6 | 633 | 602 | | |
| 1982 092B | | 13553 | USSR | 16 SEP | 97.4 | 82.6 | 651 | 618 | | |
| 1982 093A | EKRAN 9 | 13554 | USSR | 16 SEP | 1436.5 | 7.4 | 35894 | 35696 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1982 LAUNCHES (CONT.) | | | | | | | | | | |
| 1982 093F | | 14115 | USSR | 16 SEP | 1422.3 | 7.3 | 35541 | 35489 | | |
| 1982 095A | COSMOS 1409 | 13585 | USSR | 22 SEP | 718.8 | 65.2 | 36649 | 3753 | | |
| 1982 095D | | 13591 | USSR | 22 SEP | 707.2 | 65.5 | 36854 | 2975 | | |
| 1982 096A | COSMOS 1410 | 13589 | USSR | 24 SEP | 115.9 | 82.6 | 1499 | 1490 | | |
| 1982 096B | | 13590 | USSR | 24 SEP | 115.8 | 82.6 | 1497 | 1488 | | |
| 1982 097A | INTELSAT 5F 5 | 13595 | ITSO | 28 SEP | 1436.1 | 1.3 | 35808 | 35766 | | |
| 1982 097B | | 13599 | US | 28 SEP | 125.3 | 24.3 | 3624 | 206 | | |
| 1982 099A | COSMOS 1412 | 13600 | USSR | 2 OCT | 103.9 | 64.8 | 994 | 891 | | |
| 1982 099E | | 13653 | USSR | 2 OCT | 103.6 | 64.8 | 961 | 893 | | |
| 1982 100A | COSMOS 1413 | 13603 | USSR | 12 OCT | 673.3 | 64.7 | 19072 | 19064 | | |
| 1982 100D | COSMOS 1414 | 13606 | USSR | 12 OCT | 675.7 | 64.6 | 19190 | 19067 | | |
| 1982 100E | COSMOS 1415 | 13607 | USSR | 12 OCT | 673.5 | 64.7 | 19074 | 19071 | | |
| 1982 100F | | 13608 | USSR | 12 OCT | 301.7 | 52.1 | 16807 | 236 | | |
| 1982 100G | | 13609 | USSR | 12 OCT | 315.7 | 52.2 | 17675 | 283 | | |
| 1982 100H | | 13610 | USSR | 12 OCT | 672.9 | 64.7 | 19075 | 19039 | | |
| 1982 102A | COSMOS 1417 | 13617 | USSR | 19 OCT | 104.7 | 83.0 | 1006 | 955 | | |
| 1982 102B | | 13618 | USSR | 19 OCT | 104.6 | 83.0 | 997 | 953 | | |
| 1982 103A | GORIZONT 6 | 13624 | USSR | 20 OCT | 1436.4 | 6.9 | 35799 | 35785 | | |
| 1982 103E | | 13630 | USSR | 20 OCT | 1435.2 | 6.9 | 35833 | 35705 | | |
| 1982 105A | RCA SATCOM-V | 13631 | US | 28 OCT | 1436.1 | 0.1 | 35800 | 35771 | | |
| 1982 106A | | 13636 | US | 30 OCT | 1436.3 | 4.2 | 35807 | 35772 | | |
| 1982 106B | | 13637 | US | 30 OCT | 1436.1 | 1.0 | 35813 | 35761 | | |
| 1982 106D | | 13643 | US | 30 OCT | 1449.0 | 5.5 | 36201 | 35874 | | |
| 1982 109A | COSMOS 1420 | 13648 | USSR | 11 NOV | 100.6 | 74.0 | 802 | 771 | | |
| 1982 109B | | 13649 | USSR | 11 NOV | 100.5 | 74.0 | 795 | 766 | | |
| 1982 109D | | 15528 | USSR | 11 NOV | 100.5 | 74.0 | 791 | 770 | | |
| 1982 110B | SBS 3 | 13651 | US | 11 NOV | 1436.2 | 0.1 | 35798 | 35778 | | 35* |
| 1982 110C | ANIK C-3 | 13652 | CANADA | 12 NOV | 1436.1 | 0.0 | 35799 | 35766 | | 35* |
| 1982 110D | | 13658 | US | 11 NOV | 637.0 | 23.6 | 35942 | 346 | | |
| 1982 110E | | 13666 | US | 11 NOV | 635.8 | 23.4 | 35880 | 348 | | |
| 1982 113A | RADUGA 11 | 13669 | USSR | 26 NOV | 1473.8 | 6.4 | 36695 | 36349 | | |
| 1982 113F | | 13954 | USSR | 26 NOV | 1475.9 | 6.5 | 36650 | 36473 | | |
| 1982 115B - 115AJ | | | USSR | 8 DEC | SEE NOTE | | 36* | | | 36* |
| 1982 116A | METEOR 2-9 | 13718 | USSR | 14 DEC | 101.8 | 81.2 | 883 | 803 | | |
| 1982 116B | | 13719 | USSR | 14 DEC | 101.9 | 81.3 | 896 | 797 | | |
| 1982 116C | | 13720 | USSR | 14 DEC | 101.8 | 81.2 | 883 | 804 | | |
| 1982 116D | | 17755 | USSR | 14 DEC | 101.9 | 81.3 | 896 | 797 | | |
| 1982 118A | | 13736 | US | 21 DEC | 101.0 | 98.7 | 814 | 801 | | |
| 1982 118B | | 13737 | US | 21 DEC | 97.2 | 98.6 | 624 | 621 | | |
| 1982 118C | | 13738 | US | 21 DEC | 99.3 | 98.6 | 729 | 724 | | |
| 1982 118D | | 13773 | US | 21 DEC | 95.9 | 98.6 | 565 | 560 | | |
| 1982 118E | | 13774 | US | 21 DEC | 97.5 | 98.5 | 639 | 636 | | |
| 1983 LAUNCHES | | | | | | | | | | |
| 1983 001A | COSMOS 1428 | 13757 | USSR | 12 JAN | 104.6 | 82.9 | 1000 | 950 | | |
| 1983 001B | | 13758 | USSR | 12 JAN | 104.5 | 82.9 | 990 | 951 | | |
| 1983 001C | | 14568 | USSR | 12 JAN | 103.7 | 82.9 | 952 | 910 | | |
| 1983 002A | COSMOS 1429 | 13761 | USSR | 19 JAN | 115.8 | 74.0 | 1516 | 1464 | | |
| 1983 002B | COSMOS 1430 | 13762 | USSR | 19 JAN | 115.6 | 74.0 | 1497 | 1465 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1983 LAUNCHES (CONT.) | | | | | | | | | | |
| 1983 002C | COSMOS 1431 | 13763 | USSR | 19 JAN | 115.4 | 74.0 | 1481 | 1463 | | |
| 1983 002D | COSMOS 1432 | 13764 | USSR | 19 JAN | 115.2 | 74.0 | 1466 | 1461 | | |
| 1983 002E | COSMOS 1433 | 13765 | USSR | 19 JAN | 115.0 | 74.0 | 1466 | 1443 | | |
| 1983 002F | COSMOS 1434 | 13766 | USSR | 19 JAN | 114.8 | 74.0 | 1466 | 1428 | | |
| 1983 002G | COSMOS 1435 | 13767 | USSR | 19 JAN | 114.6 | 74.0 | 1466 | 1412 | | |
| 1983 002H | COSMOS 1436 | 13768 | USSR | 19 JAN | 114.5 | 74.0 | 1465 | 1396 | | |
| 1983 002J | | 13769 | USSR | 19 JAN | 117.9 | 74.0 | 1693 | 1476 | | |
| 1983 003A | COSMOS 1437 | 13770 | USSR | 20 JAN | 96.9 | 81.2 | 621 | 597 | | |
| 1983 003B | | 13771 | USSR | 20 JAN | 97.1 | 81.2 | 653 | 581 | | |
| 1983 004A | IRAS | 13777 | US | 26 JAN | 102.9 | 99.0 | 903 | 885 | | |
| 1983 004B | | 13778 | US | 26 JAN | 102.3 | 100.1 | 883 | 851 | | |
| 1983 004C | | 13783 | US | 26 JAN | 102.8 | 99.0 | 900 | 885 | | |
| 1983 006A | CS-2A | 13782 | JAPAN | 4 FEB | 1448.7 | 3.5 | 36071 | 35993 | | |
| 1983 006B | | 13786 | JAPAN | 4 FEB | 177.5 | 28.5 | 7939 | 228 | | |
| 1983 009A | | 13791 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009B | | 13792 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009C | | 13834 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009D | | 13835 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009E | | 13844 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009F | | 13845 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009G | | 13849 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 009H | | 13874 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 010A | COSMOS 1441 | 13818 | USSR | 16 FEB | 96.7 | 81.1 | 604 | 595 | | |
| 1983 010B | | 13819 | USSR | 16 FEB | 96.9 | 81.1 | 650 | 570 | | |
| 1983 015A | MOLNIYA 3-20 | 13875 | USSR | 11 MAR | 718.4 | 64.2 | 39102 | 1285 | | |
| 1983 015E | | 13882 | USSR | 11 MAR | 731.9 | 64.3 | 39697 | 1352 | | |
| 1983 016A | EKRAN 10 | 13878 | USSR | 12 MAR | 1515.4 | 7.8 | 37476 | 37172 | | |
| 1983 016F | | 14086 | USSR | 12 MAR | 1424.4 | 7.3 | 35624 | 35488 | | |
| 1983 019A | MOLNIYA 1-56 | 13890 | USSR | 16 MAR | 720.7 | 64.0 | 39235 | 1260 | | |
| 1983 019D | | 13897 | USSR | 16 MAR | 732.7 | 64.0 | 39693 | 1393 | | |
| 1983 020A | ASTRON | 13901 | USSR | 23 MAR | 5915.8 | 79.8 | 178817 | 25128 | | |
| 1983 020D | | 20413 | USSR | 23 MAR | 5823.1 | 10.1 | 194765 | 6911 | | |
| 1983 021A | COSMOS 1447 | 13916 | USSR | 24 MAR | 104.7 | 82.9 | 1011 | 952 | | |
| 1983 021B | | 13917 | USSR | 24 MAR | 104.6 | 82.9 | 998 | 955 | | |
| 1983 022A | NOAA 8 | 13923 | US | 28 MAR | 101.0 | 98.5 | 820 | 795 | | |
| 1983 022B | | 13924 | US | 28 MAR | 97.4 | 98.6 | 641 | 629 | | |
| 1983 022C | | 14477 | US | 28 MAR | 95.5 | 98.6 | 551 | 533 | | |
| 1983 023A | COSMOS 1448 | 13949 | USSR | 30 MAR | 104.7 | 83.0 | 1002 | 955 | | |
| 1983 023B | | 13950 | USSR | 30 MAR | 104.6 | 83.0 | 1004 | 947 | | |
| 1983 025A | MOLNIYA 1-57 | 13964 | USSR | 2 APR | 717.9 | 64.0 | 38775 | 1584 | | |
| 1983 025D | | 13967 | USSR | 2 APR | 699.3 | 64.3 | 37652 | 1785 | | |
| 1983 026B | TDRS 1 | 13969 | US | 4 APR | 1436.2 | 5.1 | 35808 | 35769 | | |
| 1983 026C | | 13970 | US | 4 APR | 1089.7 | 3.4 | 35201 | 22197 | | |
| 1983 026D | | 13971 | US | 4 APR | 552.3 | 25.7 | 31556 | 286 | | |
| 1983 028A | RADUGA 12 | 13974 | USSR | 8 APR | 1436.4 | 6.1 | 35797 | 35786 | | |
| 1983 028F | | 13983 | USSR | 8 APR | 1439.5 | 6.1 | 35970 | 35736 | | |
| 1983 030A | RCA SATCOM VI | 13984 | US | 11 APR | 1436.1 | 0.0 | 35791 | 35781 | | |
| 1983 030B | | 13985 | US | 11 APR | 117.7 | 25.4 | 2852 | 300 | | |
| 1983 031A | COSMOS 1452 | 13991 | USSR | 12 APR | 100.6 | 74.0 | 801 | 777 | | |
| 1983 031B | | 13992 | USSR | 12 APR | 100.5 | 74.0 | 797 | 779 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1983 LAUNCHES (CONT.) | | | | | | | | | | |
| 1983 031D | | 14812 | USSR | 12 APR | 100.9 | 74.1 | 816 | 786 | | |
| 1983 037A | COSMOS 1455 | 14032 | USSR | 23 APR | 97.1 | 82.5 | 633 | 608 | | |
| 1983 037B | | 14033 | USSR | 23 APR | 97.4 | 82.5 | 649 | 622 | | |
| 1983 038A | COSMOS 1456 | 14034 | USSR | 25 APR | 717.6 | 66.9 | 36932 | 3411 | | |
| 1983 038E | | 14041 | USSR | 25 APR | 707.2 | 66.7 | 36633 | 3199 | | |
| 1983 038H | | 14297 | USSR | 25 APR | 718.0 | 66.8 | 39127 | 3676 | | |
| 1983 038J | | 14301 | USSR | 25 APR | 789.5 | 67.0 | 43591 | 246 | | |
| 1983 038K | | 14306 | USSR | 25 APR | 720.6 | 64.3 | 39697 | 795 | | |
| 1983 041A | GOES 6 | 14050 | US | 28 APR | 1436.0 | 2.9 | 35789 | 35781 | | |
| 1983 041B | | 14051 | US | 28 APR | 116.3 | 25.4 | 2623 | 406 | | |
| 1983 041C | | 14069 | US | 28 APR | 1707.5 | 8.7 | 49299 | 32587 | | |
| 1983 042A | COSMOS 1459 | 14057 | USSR | 6 MAY | 104.6 | 83.0 | 1013 | 940 | | |
| 1983 042B | | 14059 | USSR | 6 MAY | 104.5 | 83.0 | 1004 | 938 | | |
| 1983 044A | COSMOS 1461 | 14064 | USSR | 7 MAY | 98.8 | 65.0 | 830 | 576 | | |
| 1983 044B - 044FQ | | | USSR | 7 MAY | SEE NOTE | | 39* | | | 39* |
| 1983 046A | COSMOS 1463 | 14075 | USSR | 19 MAY | 96.6 | 82.9 | 910 | 279 | | |
| 1983 047A | INTELSAT 5 F-6 | 14077 | ITSO | 19 MAY | 1436.1 | 0.3 | 35807 | 35769 | | |
| 1983 048A | COSMOS 1464 | 14084 | USSR | 24 MAY | 104.8 | 82.9 | 1004 | 962 | | |
| 1983 048B | | 14085 | USSR | 24 MAY | 104.7 | 82.9 | 998 | 958 | | |
| 1983 051B | | 14096 | US | 25 MAY | 119.1 | 72.3 | 2521 | 756 | | |
| 1983 053A | VENERA 15 | 14104 | USSR | 2 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1983 054A | VENERA 16 | 14107 | USSR | 7 JUN | HELIOCENTRIC ORBIT | | | | | |
| 1983 056A | | 14112 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056B | | 14113 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056C | | 14143 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056D | | 14144 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056E | | 14145 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056F | | 14146 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056G | | 14180 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 056H | | 14181 | US | 9 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 058A | ECS 1 | 14128 | ESA | 16 JUN | 1436.1 | 1.5 | 35829 | 35742 | | |
| 1983 058B | OSCAR 10 | 14129 | FRG | 16 JUN | 699.5 | 25.8 | 35409 | 4040 | | |
| 1983 058C | | 14130 | ESA | 16 JUN | 351.1 | 8.5 | 19995 | 220 | | |
| 1983 058F | | 17331 | ESA | 16 JUN | 271.9 | 7.3 | 14698 | 349 | | |
| 1983 059B | ANIK C2 | 14133 | CANADA | 18 JUN | 1436.1 | 0.0 | 35800 | 35774 | | 35* |
| 1983 059C | PALAPA B1 | 14134 | INDNSA | 18 JUN | 1436.2 | 0.9 | 35791 | 35785 | | 35* |
| 1983 059D | | 14135 | US | 18 JUN | 611.1 | 23.1 | 34615 | 337 | | |
| 1983 059E | | 14136 | US | 18 JUN | 630.8 | 26.0 | 35646 | 327 | | |
| 1983 060C | | 14139 | US | 20 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1983 061A | COSMOS 1470 | 14147 | USSR | 22 JUN | 97.2 | 82.5 | 642 | 608 | | |
| 1983 061B | | 14148 | USSR | 22 JUN | 97.5 | 82.5 | 656 | 618 | | |
| 1983 063A | | 14154 | US | 27 JUN | 100.7 | 82.0 | 824 | 757 | | |
| 1983 063B | | 14155 | US | 27 JUN | 100.6 | 82.0 | 822 | 753 | | |
| 1983 063C | | 14222 | US | 27 JUN | 99.9 | 82.4 | 770 | 733 | | |
| 1983 063D | | 14223 | US | 27 JUN | 101.0 | 81.7 | 850 | 757 | | |
| 1983 065A | GALAXY 1 | 14158 | US | 28 JUN | 1436.0 | 0.3 | 35793 | 35781 | | |
| 1983 065C | | 14168 | US | 28 JUN | 321.6 | 23.3 | 18124 | 220 | | |
| 1983 066A | GORIZONT 7 | 14160 | USSR | 30 JUN | 1454.3 | 5.7 | 36380 | 36293 | | |
| 1983 066E | | 14167 | USSR | 30 JUN | 213.1 | 46.6 | 10665 | 213 | | |
| 1983 066F | | 15141 | USSR | 30 JUN | 1475.2 | 5.9 | 36604 | 36492 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1983 LAUNCHES (CONT.) | | | | | | | | | | |
| 1983 067A | PROGNOZ 9 | 14163 | USSR | 1 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1983 069A | COSMOS 1473 | 14171 | USSR | 6 JUL | 114.4 | 74.0 | 1460 | 1393 | | |
| 1983 069B | COSMOS 1474 | 14172 | USSR | 6 JUL | 114.6 | 74.0 | 1461 | 1409 | | |
| 1983 069C | COSMOS 1475 | 14173 | USSR | 6 JUL | 114.8 | 74.0 | 1461 | 1426 | | |
| 1983 069D | COSMOS 1476 | 14174 | USSR | 6 JUL | 114.9 | 74.0 | 1461 | 1443 | | |
| 1983 069E | COSMOS 1477 | 14175 | USSR | 6 JUL | 115.1 | 74.0 | 1462 | 1459 | | |
| 1983 069F | COSMOS 1478 | 14176 | USSR | 6 JUL | 115.3 | 74.0 | 1479 | 1460 | | |
| 1983 069G | COSMOS 1479 | 14177 | USSR | 6 JUL | 115.5 | 74.0 | 1497 | 1461 | | |
| 1983 069H | COSMOS 1480 | 14178 | USSR | 6 JUL | 115.8 | 74.0 | 1517 | 1461 | | |
| 1983 069J | | 14179 | USSR | 6 JUL | 117.4 | 74.0 | 1671 | 1459 | | |
| 1983 070A | COSMOS 1481 | 14182 | USSR | 8 JUL | 707.3 | 67.4 | 36249 | 3586 | | |
| 1983 070D | | 14191 | USSR | 8 JUL | 707.9 | 67.5 | 36191 | 3676 | | |
| 1983 070E | | 14192 | USSR | 8 JUL | 708.9 | 67.4 | 36335 | 3580 | | |
| 1983 070F | | 20412 | USSR | 8 JUL | 705.8 | 67.5 | 36835 | 2925 | | |
| 1983 072A | | 14189 | US | 14 JUL | 717.9 | 63.5 | 20562 | 19800 | | |
| 1983 072B | | 14190 | US | 14 JUL | 371.8 | 64.1 | 20307 | 1190 | | |
| 1983 073A | MOLNIYA 1-58 | 14199 | USSR | 19 JUL | 624.6 | 64.0 | 35092 | 558 | | |
| 1983 075A | COSMOS 1484 | 14207 | USSR | 24 JUL | 96.5 | 97.6 | 618 | 561 | | |
| 1983 075B | | 14208 | USSR | 24 JUL | 97.0 | 97.7 | 642 | 587 | | |
| 1983 075C | | 14209 | USSR | 24 JUL | 96.7 | 97.6 | 635 | 568 | | |
| 1983 075D | | 14229 | USSR | 24 JUL | 97.3 | 97.7 | 658 | 601 | | |
| 1983 075E | | 14631 | USSR | 24 JUL | 96.7 | 97.6 | 618 | 577 | | |
| 1983 075F | | 14928 | USSR | 24 JUL | 97.0 | 97.7 | 641 | 589 | | |
| 1983 077A | TELSTAR 3A | 14234 | US | 28 JUL | 1436.1 | 0.0 | 35804 | 35770 | | |
| 1983 077C | | 14236 | US | 28 JUL | 241.2 | 22.7 | 12692 | 224 | | |
| 1983 078A | | 14237 | US | 31 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1983 078B | | 14238 | US | 31 JUL | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1983 079A | COSMOS 1486 | 14240 | USSR | 3 AUG | 100.6 | 74.1 | 797 | 776 | | |
| 1983 079B | | 14241 | USSR | 3 AUG | 100.5 | 74.1 | 794 | 771 | | |
| 1983 079C | | 14344 | USSR | 3 AUG | 100.8 | 74.1 | 812 | 780 | | |
| 1983 079D | | 14413 | USSR | 3 AUG | 100.9 | 74.0 | 818 | 786 | | |
| 1983 079E | | 15756 | USSR | 3 AUG | 100.1 | 74.1 | 774 | 754 | | |
| 1983 081A | CS-2 | 14248 | JAPAN | 5 AUG | 1457.3 | 2.8 | 36208 | 36194 | | |
| 1983 081C | | 14287 | JAPAN | 5 AUG | 128.7 | 28.4 | 3974 | 153 | | |
| 1983 084A | COSMOS 1490 | 14258 | USSR | 10 AUG | 675.7 | 64.8 | 19168 | 19090 | | |
| 1983 084B | COSMOS 1491 | 14259 | USSR | 10 AUG | 668.4 | 64.7 | 19078 | 18811 | | |
| 1983 084C | COSMOS 1492 | 14260 | USSR | 10 AUG | 676.8 | 64.8 | 19161 | 19152 | | |
| 1983 084F | | 14264 | USSR | 10 AUG | 676.3 | 64.8 | 19157 | 19129 | | |
| 1983 084G | | 14277 | USSR | 10 AUG | 330.2 | 52.0 | 18517 | 376 | | |
| 1983 084H | | 14278 | USSR | 10 AUG | 329.2 | 52.1 | 18472 | 356 | | |
| 1983 088A | RADUGA 13 | 14307 | USSR | 25 AUG | 1466.9 | 5.7 | 36444 | 36328 | | |
| 1983 088F | | 14333 | USSR | 25 AUG | 1475.2 | 5.9 | 36624 | 36472 | | |
| 1983 089B | INSAT 1B | 14318 | INDIA | 31 AUG | 1436.1 | 1.4 | 35819 | 35753 | | |
| 1983 089C | | 14524 | US | 31 AUG | 577.1 | 24.4 | 32907 | 256 | | |
| 1983 090A | MOLNIYA 3-21 | 14313 | USSR | 30 AUG | 716.8 | 64.5 | 38834 | 1471 | | |
| 1983 090D | | 14317 | USSR | 30 AUG | 731.3 | 64.5 | 39634 | 1385 | | |
| 1983 091C - 091AC | | | USSR | 31 AUG | SEE NOTE 38* | | | | | 38* |
| 1983 094A | RCA SATCOM VII | 14329 | US | 8 SEP | 1436.2 | 0.1 | 35799 | 35777 | | |
| 1983 094B | | 14327 | US | 8 SEP | 115.5 | 25.5 | 2667 | 285 | | |
| 1983 099A | GALAXY 2 | 14365 | US | 22 SEP | 1436.1 | 0.0 | 35796 | 35788 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1983 LAUNCHES (CONT.) | | | | | | | | | | |
| 1983 099A | COSMOS 1500 | 14372 | USSR | 28 SEP | 97.1 | 82.5 | 636 | 607 | | |
| 1983 099B | | 14373 | USSR | 28 SEP | 97.4 | 82.5 | 652 | 620 | | |
| 1983 100A | EKRAN 11 | 14377 | USSR | 30 SEP | 1436.0 | 6.4 | 35793 | 35774 | | |
| 1983 100F | | 14394 | USSR | 30 SEP | 1425.0 | 6.4 | 35654 | 35483 | | |
| 1983 103A | COSMOS 1503 | 14401 | USSR | 12 OCT | 100.7 | 74.0 | 801 | 782 | | |
| 1983 103B | | 14402 | USSR | 12 OCT | 100.6 | 74.0 | 805 | 764 | | |
| 1983 105A | INTELSAT 5 F-7 | 14421 | ITSO | 19 OCT | 1436.1 | 0.6 | 35800 | 35775 | | |
| 1983 108A | COSMOS 1506 | 14450 | USSR | 26 OCT | 104.7 | 82.9 | 1008 | 947 | | |
| 1983 108B | | 14451 | USSR | 26 OCT | 104.5 | 82.9 | 998 | 947 | | |
| 1983 109A | METEOR 2-10 | 14452 | USSR | 28 OCT | 101.1 | 81.2 | 879 | 743 | | |
| 1983 109B | | 14453 | USSR | 28 OCT | 101.2 | 81.2 | 892 | 737 | | |
| 1983 109C | | 14454 | USSR | 28 OCT | 101.1 | 81.2 | 881 | 740 | | |
| 1983 111A | COSMOS 1508 | 14483 | USSR | 11 NOV | 107.6 | 82.9 | 1835 | 394 | | |
| 1983 111B | | 14484 | USSR | 11 NOV | 106.0 | 82.9 | 1712 | 371 | | |
| 1983 113A | | 14506 | US | 18 NOV | 101.2 | 98.4 | 821 | 804 | | |
| 1983 113B | | 14553 | US | 18 NOV | 97.2 | 98.6 | 629 | 620 | | |
| 1983 113C | | 14554 | US | 18 NOV | 97.5 | 98.6 | 642 | 634 | | |
| 1983 113D | | 14609 | US | 18 NOV | 98.7 | 98.6 | 701 | 693 | | |
| 1983 113E | | 14610 | US | 18 NOV | 99.6 | 98.6 | 743 | 732 | | |
| 1983 114A | MOLNIYA 1-59 | 14515 | USSR | 23 NOV | 719.0 | 64.2 | 39039 | 1375 | | |
| 1983 114D | | 14520 | USSR | 23 NOV | 699.2 | 64.4 | 37898 | 1534 | | |
| 1983 115A | COSMOS 1510 | 14521 | USSR | 24 NOV | 116.0 | 73.6 | 1522 | 1479 | | |
| 1983 115B | | 14522 | USSR | 24 NOV | 115.9 | 73.6 | 1518 | 1477 | | |
| 1983 118A | GORIZONT 8 | 14532 | USSR | 30 NOV | 1465.4 | 5.3 | 36482 | 36233 | | |
| 1983 118F | | 14548 | USSR | 30 NOV | 1435.8 | 5.3 | 35973 | 35589 | | |
| 1983 120A | COSMOS 1513 | 14546 | USSR | 8 DEC | 104.8 | 82.9 | 1014 | 955 | | |
| 1983 120B | | 14547 | USSR | 8 DEC | 104.6 | 82.9 | 1009 | 940 | | |
| 1983 122A | COSMOS 1515 | 14551 | USSR | 15 DEC | 97.2 | 82.5 | 634 | 611 | | |
| 1983 122B | | 14552 | USSR | 15 DEC | 97.5 | 82.5 | 649 | 624 | | |
| 1983 123A | MOLNIYA 3-22 | 14570 | USSR | 21 DEC | 717.8 | 65.2 | 38676 | 1679 | | |
| 1983 123D | | 14582 | USSR | 21 DEC | 732.4 | 65.0 | 39427 | 1647 | | |
| 1983 125A | COSMOS 1518 | 14587 | USSR | 28 DEC | 714.1 | 67.0 | 36802 | 3369 | | |
| 1983 125D | | 14596 | USSR | 28 DEC | 705.5 | 66.9 | 36490 | 3255 | | |
| 1983 127A | COSMOS 1519 | 14590 | USSR | 29 DEC | 675.7 | 66.2 | 19184 | 19074 | | |
| 1983 127B | COSMOS 1520 | 14591 | USSR | 29 DEC | 675.7 | 66.2 | 19147 | 19111 | | |
| 1983 127C | COSMOS 1521 | 14592 | USSR | 29 DEC | 673.4 | 66.2 | 19150 | 18991 | | |
| 1983 127F | | 14595 | USSR | 29 DEC | 673.1 | 66.2 | 19149 | 18976 | | |
| 1983 127G | | 14607 | USSR | 29 DEC | 328.4 | 52.0 | 18396 | 382 | | |
| 1983 127H | | 14603 | USSR | 29 DEC | 333.5 | 51.6 | 18770 | 334 | | |
| 1984 LAUNCHES | | | | | | | | | | |
| 1984 001A | COSMOS 1522 | 14611 | USSR | 5 JAN | 115.4 | 74.0 | 1490 | 1459 | | |
| 1984 001B | COSMOS 1522 | 14612 | USSR | 5 JAN | 114.4 | 74.0 | 1459 | 1395 | | |
| 1984 001C | COSMOS 1524 | 14613 | USSR | 5 JAN | 114.6 | 74.0 | 1459 | 1410 | | |
| 1984 001D | COSMOS 1525 | 14614 | USSR | 5 JAN | 114.7 | 74.0 | 1459 | 1426 | | |
| 1984 001E | COSMOS 1526 | 14615 | USSR | 5 JAN | 114.9 | 74.0 | 1459 | 1441 | | |
| 1984 001F | COSMOS 1527 | 14616 | USSR | 5 JAN | 115.1 | 74.0 | 1459 | 1457 | | |
| 1984 001G | COSMOS 1528 | 14617 | USSR | 5 JAN | 115.3 | 74.0 | 1475 | 1458 | | |
| 1984 001H | COSMOS 1529 | 14618 | USSR | 5 JAN | 115.6 | 74.0 | 1509 | 1459 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1984 LAUNCHES (CONT.) | | | | | | | | | | |
| 1984 001J | | 14619 | USSR | 5 JAN | 117.5 | 74.0 | 1670 | 1468 | | |
| 1984 003A | COSMOS 1531 | 14624 | USSR | 11 JAN | 105.0 | 82.9 | 1006 | 977 | | |
| 1984 003B | | 14625 | USSR | 11 JAN | 104.8 | 82.9 | 1002 | 967 | | |
| 1984 005A | BS-2A | 14659 | JAPAN | 23 JAN | 1453.7 | 2.6 | 36182 | 36079 | | |
| 1984 008A | PRC 14 | 14670 | PRC | 29 JAN | 162.6 | 36.1 | 6518 | 465 | | |
| 1984 009A | | 14675 | US | 31 JAN | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1984 009C | | 14677 | US | 31 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 010A | COSMOS 1535 | 14679 | USSR | 2 FEB | 104.7 | 83.0 | 1012 | 952 | | |
| 1984 010B | | 14680 | USSR | 2 FEB | 104.6 | 83.0 | 1004 | 949 | | |
| 1984 011E | | 14693 | US | 6 FEB | 96.8 | 28.2 | 940 | 271 | | |
| 1984 011F | | 14694 | US | 3 FEB | 98.6 | 27.7 | 1076 | 302 | | |
| 1984 012A | | 14690 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012B | | 14691 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012C | | 14728 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012D | | 14729 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012F | | 14795 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012J | | 15347 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012K | | 15348 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 012L | | 15349 | US | 5 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 013A | COSMOS 1536 | 14699 | USSR | 8 FEB | 97.2 | 82.5 | 641 | 609 | | |
| 1984 013B | | 14700 | USSR | 8 FEB | 97.5 | 82.5 | 654 | 619 | | |
| 1984 016A | RADUGA 14 | 14725 | USSR | 15 FEB | 1435.8 | 5.3 | 35797 | 35763 | | |
| 1984 016F | | 17474 | USSR | 15 FEB | 1436.3 | 5.3 | 35945 | 35634 | | |
| 1984 019A | COSMOS 1538 | 14759 | USSR | 21 FEB | 100.6 | 74.0 | 801 | 772 | | |
| 1984 019B | | 14760 | USSR | 21 FEB | 100.5 | 74.0 | 803 | 764 | | |
| 1984 019C | | 15785 | USSR | 21 FEB | 100.3 | 74.0 | 781 | 764 | | |
| 1984 019D | | 18519 | USSR | 21 FEB | 100.3 | 74.1 | 783 | 762 | | |
| 1984 021A | LANDSAT 5 | 14780 | US | 1 MAR | 98.7 | 98.2 | 700 | 699 | | |
| 1984 021B | UOSAT 2 | 14781 | UK | 1 MAR | 98.1 | 97.9 | 678 | 659 | | |
| 1984 021C | | 14782 | US | 1 MAR | 93.7 | 100.0 | 498 | 411 | | |
| 1984 022A | COSMOS 1540 | 14783 | USSR | 2 MAR | 1436.1 | 5.8 | 35827 | 35746 | | |
| 1984 022F | | 14948 | USSR | 2 MAR | 1442.0 | 6.0 | 36005 | 35798 | | |
| 1984 023A | INTELSAT 5 F-8 | 14796 | ITSO | 5 MAR | 1436.1 | 0.0 | 35807 | 35768 | | |
| 1984 023B | | 14787 | ESA | 5 MAR | 554.3 | 11.0 | 31648 | 298 | | |
| 1984 024A | COSMOS 1541 | 14790 | USSR | 6 MAR | 717.5 | 64.8 | 36804 | 3535 | | |
| 1984 024D | | 14796 | USSR | 6 MAR | 709.7 | 64.9 | 36467 | 3488 | | |
| 1984 027A | COSMOS 1544 | 14819 | USSR | 15 MAR | 97.1 | 82.5 | 634 | 606 | | |
| 1984 027B | | 14820 | USSR | 15 MAR | 97.4 | 82.5 | 650 | 621 | | |
| 1984 028A | EKRAN 12 | 14821 | USSR | 16 MAR | 1499.1 | 6.7 | 37066 | 36956 | | |
| 1984 029D | | 14828 | USSR | 16 MAR | 624.7 | 46.6 | 35418 | 238 | | |
| 1984 029F | | 15139 | USSR | 16 MAR | 1419.8 | 6.5 | 35542 | 35390 | | |
| 1984 029A | MOLNIYA 1-60 | 14825 | USSR | 16 MAR | 717.3 | 64.8 | 38716 | 1616 | | |
| 1984 029D | | 14830 | USSR | 16 MAR | 730.9 | 65.0 | 39250 | 1751 | | |
| 1984 031A | COSMOS 1545 | 14867 | USSR | 20 MAR | 1436.3 | 5.2 | 35874 | 35708 | | |
| 1984 031D | | 14887 | USSR | 20 MAR | 566.9 | 45.3 | 32280 | 345 | | |
| 1984 031F | | 14951 | USSR | 20 MAR | 1448.3 | 5.2 | 36092 | 35958 | | |
| 1984 033A | COSMOS 1547 | 14884 | USSR | 4 APR | 716.7 | 67.7 | 36976 | 3327 | | |
| 1984 033D | | 14894 | USSR | 4 APR | 706.6 | 67.4 | 36565 | 3236 | | |
| 1984 035A | PRC 15 | 14899 | PRC | 8 APR | 1436.1 | 3.8 | 35821 | 35751 | | |
| 1984 035B | | 14900 | PRC | 8 APR | 625.5 | 30.2 | 35277 | 421 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1984 LAUNCHES (CONT.) | | | | | | | | | | |
| 1984 037A | | 14930 | US | 14 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 037B | | 14931 | US | 14 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 041A | GORIZONT 9 | 14940 | USSR | 22 APR | 1436.2 | 5.0 | 35809 | 35768 | | |
| 1984 041D | | 14943 | USSR | 22 APR | 1460.1 | 5.1 | 36333 | 36175 | | |
| 1984 041E | | 14944 | USSR | 22 APR | 471.0 | 49.1 | 26940 | 408 | | |
| 1984 043A | COSMOS 1550 | 14965 | USSR | 11 MAY | 104.9 | 83.0 | 1003 | 970 | | |
| 1984 043B | | 14966 | USSR | 11 MAY | 104.8 | 83.0 | 997 | 972 | | |
| 1984 046A | COSMOS 1553 | 14973 | USSR | 17 MAY | 104.7 | 82.9 | 1005 | 956 | | |
| 1984 046B | | 14974 | USSR | 17 MAY | 104.6 | 82.9 | 1009 | 941 | | |
| 1984 047A | COSMOS 1554 | 14977 | USSR | 19 MAY | 675.7 | 66.2 | 19168 | 19090 | | |
| 1984 047B | COSMOS 1555 | 14978 | USSR | 19 MAY | 675.7 | 66.2 | 19154 | 19104 | | |
| 1984 047C | COSMOS 1556 | 14979 | USSR | 19 MAY | 676.3 | 66.2 | 19158 | 19130 | | |
| 1984 047F | | 14984 | USSR | 19 MAY | 675.5 | 66.2 | 19170 | 19079 | | |
| 1984 047G | | 15053 | USSR | 19 MAY | 334.9 | 52.0 | 18891 | 293 | | |
| 1984 047H | | 15054 | USSR | 19 MAY | 319.1 | 51.9 | 17906 | 273 | | |
| 1984 049A | SPACENET 1 | 14985 | US | 23 MAY | 1436.1 | 0.0 | 35795 | 35779 | | |
| 1984 052A | COSMOS 1559 | 14998 | USSR | 28 MAY | 115.7 | 74.0 | 1509 | 1469 | | |
| 1984 052B | COSMOS 1560 | 14999 | USSR | 28 MAY | 115.5 | 74.0 | 1489 | 1468 | | |
| 1984 052C | COSMOS 1561 | 15000 | USSR | 28 MAY | 115.4 | 74.0 | 1483 | 1460 | | |
| 1984 052D | COSMOS 1562 | 15001 | USSR | 28 MAY | 115.2 | 74.0 | 1475 | 1451 | | |
| 1984 052E | COSMOS 1563 | 15002 | USSR | 28 MAY | 115.0 | 74.0 | 1474 | 1436 | | |
| 1984 052F | COSMOS 1564 | 15003 | USSR | 28 MAY | 114.8 | 74.0 | 1474 | 1422 | | |
| 1984 052G | COSMOS 1565 | 15004 | USSR | 28 MAY | 114.7 | 74.0 | 1474 | 1406 | | |
| 1984 052H | COSMOS 1566 | 15005 | USSR | 28 MAY | 114.5 | 74.0 | 1473 | 1391 | | |
| 1984 052J | | 15006 | USSR | 28 MAY | 117.7 | 74.0 | 1677 | 1473 | | |
| 1984 055A | COSMOS 1569 | 15027 | USSR | 6 JUN | 717.6 | 65.9 | 36939 | 3405 | | |
| 1984 055D | | 15030 | USSR | 6 JUN | 706.9 | 65.2 | 36571 | 3244 | | |
| 1984 056A | COSMOS 1570 | 15031 | USSR | 8 JUN | 100.7 | 74.1 | 802 | 783 | | |
| 1984 056B | | 15032 | USSR | 8 JUN | 100.6 | 74.1 | 800 | 773 | | |
| 1984 056C | | 15033 | USSR | 8 JUN | 100.9 | 74.1 | 813 | 788 | | |
| 1984 056D | | 15757 | USSR | 8 JUN | 95.7 | 74.0 | 553 | 552 | | |
| 1984 059A | | 15039 | US | 13 JUN | 718.0 | 63.3 | 20257 | 20106 | | |
| 1984 059B | | 15040 | US | 13 JUN | 366.7 | 62.5 | 20741 | 442 | | |
| 1984 062A | COSMOS 1574 | 15055 | USSR | 21 JUN | 104.8 | 83.0 | 1003 | 965 | | |
| 1984 062B | | 15056 | USSR | 21 JUN | 104.7 | 83.0 | 996 | 960 | | |
| 1984 063A | RADUGA 15 | 15057 | USSR | 22 JUN | 1435.6 | 5.0 | 35803 | 35752 | | |
| 1984 063E | | 15076 | USSR | 22 JUN | 395.0 | 46.9 | 22669 | 239 | | |
| 1984 063F | | 15693 | USSR | 22 JUN | 1394.1 | 4.8 | 35035 | 34887 | | |
| 1984 065C | | 15071 | US | 25 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 067A | COSMOS 1577 | 15077 | USSR | 27 JUN | 104.7 | 83.0 | 1005 | 955 | | |
| 1984 067B | | 15078 | USSR | 27 JUN | 104.6 | 83.0 | 992 | 957 | | |
| 1984 068A | COSMOS 1578 | 15080 | USSR | 28 JUN | 97.3 | 50.7 | 985 | 277 | | |
| 1984 069A | COSMOS 1579 | 15085 | USSR | 29 JUN | 103.9 | 65.0 | 969 | 917 | | |
| 1984 069D | | 15330 | USSR | 29 JUN | 103.6 | 65.0 | 942 | 914 | | |
| 1984 069E | | 19453 | USSR | 29 JUN | 102.9 | 65.8 | 957 | 834 | | |
| 1984 071A | COSMOS 1581 | 15095 | USSR | 3 JUL | 721.1 | 67.8 | 37144 | 3374 | | |
| 1984 071D | | 15098 | USSR | 3 JUL | 705.7 | 67.6 | 36631 | 3124 | | |
| 1984 072A | METEOR 2-11 | 15099 | USSR | 5 JUL | 104.0 | 82.5 | 955 | 938 | | |
| 1984 072B | | 15100 | USSR | 5 JUL | 104.0 | 82.5 | 955 | 938 | | |
| 1984 079A | GORIZONT 10 | 15144 | USSR | 1 AUG | 1434.7 | 4.7 | 35764 | 35754 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1984 LAUNCHES (CONT.) | | | | | | | | | | |
| 1984 078F | | 15181 | USSR | 1 AUG | 1383.2 | 4.6 | 57052 | 12438 | | |
| 1984 079A | COSMOS 1586 | 15147 | USSR | 2 AUG | 717.4 | 64.6 | 37008 | 3328 | | |
| 1984 079D | | 15156 | USSR | 2 AUG | 705.8 | 64.7 | 36550 | 3209 | | |
| 1984 080A | GMS 3 | 15152 | JAPAN | 2 AUG | 1436.2 | 2.5 | 35804 | 35774 | | |
| 1984 080C | | 15157 | JAPAN | 2 AUG | 261.9 | 28.8 | 14142 | 220 | | |
| 1984 081A | ECS 2 | 15158 | ESA | 4 AUG | 1436.2 | 0.4 | 37167 | 34411 | | |
| 1984 081B | TELECOM 1A | 15159 | FRANCE | 4 AUG | 1436.1 | 0.5 | 35791 | 35783 | | |
| 1984 081D | | 15165 | ESA | 4 AUG | 598.5 | 5.9 | 33692 | 601 | | |
| 1984 081E | | 20674 | ESA | 4 AUG | 600.6 | 5.8 | 33714 | 691 | | |
| 1984 083B - 083AX | | | USSR | 7 AUG | SEE NOTE | | 41* | | | 41* |
| 1984 084A | COSMOS 1589 | 15171 | USSR | 8 AUG | 115.9 | 82.6 | 1500 | 1489 | | |
| 1984 084B | | 15172 | USSR | 8 AUG | 115.8 | 82.6 | 1499 | 1487 | | |
| 1984 085A | MOLNIYA 1-61 | 15182 | USSR | 10 AUG | 715.8 | 64.2 | 39313 | 940 | | |
| 1984 085D | | 15188 | USSR | 10 AUG | 731.0 | 64.4 | 40045 | 956 | | |
| 1984 088A | CCE | 15199 | US | 16 AUG | 939.5 | 2.9 | 49661 | 1131 | | |
| 1984 088B | IRM | 15200 | FRG | 16 AUG | 2653.4 | 27.0 | 113818 | 402 | | |
| 1984 088C | UKS | 15201 | UK | 16 AUG | 2659.6 | 25.9 | 113417 | 1002 | | |
| 1984 088D | | 15202 | US | 16 AUG | 134.0 | 28.9 | 4043 | 548 | | |
| 1984 088E | | 15205 | US | 16 AUG | 133.2 | 28.7 | 3966 | 553 | | |
| 1984 088F | | 15206 | US | 16 AUG | 921.7 | 27.0 | 49267 | 723 | | |
| 1984 088G | | 19078 | US | 16 AUG | 132.2 | 28.7 | 3890 | 548 | | |
| 1984 088H | | 19599 | US | 16 AUG | 133.2 | 28.7 | 3971 | 552 | | |
| 1984 089A | MOLNIYA 1-62 | 15214 | USSR | 24 AUG | 735.2 | 63.8 | 39493 | 1718 | | |
| 1984 089D | | 15223 | USSR | 24 AUG | 739.0 | 63.9 | 39214 | 2180 | | |
| 1984 090A | EKRAN 13 | 15219 | USSR | 24 AUG | 1499.7 | 5.9 | 37095 | 36949 | | |
| 1984 090F | | 17875 | USSR | 24 AUG | 1422.0 | 5.6 | 35601 | 35419 | | |
| 1984 091A | | 15226 | US | 28 AUG | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 091B | | 15227 | US | 28 AUG | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 093B | SBS 4 | 15235 | US | 31 AUG | 1436.1 | 0.0 | 35800 | 35775 | | 35* |
| 1984 093C | SYNCOM IV-2 | 15236 | US | 31 AUG | 1436.2 | 2.5 | 35794 | 35782 | | 35* |
| 1984 093D | TELSTAR 3C | 15237 | US | 1 SEP | 1436.2 | 0.1 | 35793 | 35783 | | 35* |
| 1984 093E | | 15244 | US | 31 AUG | 263.7 | 27.2 | 14156 | 329 | | |
| 1984 093F | | 15245 | US | 31 AUG | 504.9 | 22.5 | 34255 | 371 | | |
| 1984 093G | | 15246 | US | 1 SEP | 650.0 | 24.7 | 36598 | 359 | | |
| 1984 095A | COSMOS 1593 | 15259 | USSR | 4 SEP | 675.7 | 64.8 | 19176 | 19082 | | |
| 1984 095B | | 15260 | USSR | 4 SEP | 677.2 | 64.7 | 19190 | 19142 | | |
| 1984 095C | | 15261 | USSR | 4 SEP | 675.7 | 64.7 | 19175 | 19083 | | |
| 1984 095F | | 15264 | USSR | 4 SEP | 675.9 | 64.7 | 19172 | 19096 | | |
| 1984 095G | | 15265 | USSR | 4 SEP | 329.7 | 52.1 | 18514 | 344 | | |
| 1984 095H | | 15266 | USSR | 4 SEP | 332.5 | 52.0 | 18692 | 350 | | |
| 1984 096A | COSMOS 1596 | 15267 | USSR | 7 SEP | 718.0 | 67.3 | 37033 | 3331 | | |
| 1984 096D | | 15270 | USSR | 7 SEP | 703.2 | 67.3 | 36553 | 3079 | | |
| 1984 097A | | 15271 | US | 8 SEP | 718.0 | 63.5 | 20411 | 19952 | | |
| 1984 097B | | 15272 | US | 8 SEP | 369.2 | 63.9 | 20404 | 934 | | |
| 1984 100A | COSMOS 1598 | 15292 | USSR | 13 SEP | 1436.0 | 0.0 | 35793 | 35788 | | |
| 1984 100B | | 15293 | USSR | 13 SEP | 104.8 | 82.9 | 1001 | 965 | | |
| 1984 101A | GALAXY 3 | 15303 | US | 21 SEP | 1436.2 | 0.1 | 35794 | 35782 | | |
| 1984 104B - 104AF | | | USSR | 27 SEP | SEE NOTE | | 40* | | | 40* |
| 1984 105A | COSMOS 1602 | 15331 | USSR | 28 SEP | 97.2 | 82.5 | 643 | 608 | | |
| 1984 105B | | 15332 | USSR | 28 SEP | 97.5 | 82.5 | 655 | 619 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1984 LAUNCHES (CONT.) | | | | | | | | | | |
| 1984 106A | COSMOS 1603 | 15333 | USSR | 28 SEP | 101.9 | 71.0 | 868 | 828 | | |
| 1984 106C | | 15335 | USSR | 28 SEP | 101.5 | 66.6 | 839 | 815 | | |
| 1984 106F | | 15338 | USSR | 28 SEP | 101.7 | 66.6 | 843 | 837 | | |
| 1984 106G | | 17358 | USSR | 28 SEP | 101.9 | 71.0 | 850 | 844 | | |
| 1984 107A | COSMOS 1604 | 15350 | USSR | 4 OCT | 718.9 | 66.6 | 36875 | 3535 | | |
| 1984 107D | | 15355 | USSR | 4 OCT | 708.1 | 66.8 | 36520 | 3356 | | |
| 1984 108B | ERBS | 15354 | US | 5 OCT | 96.5 | 56.9 | 595 | 586 | | |
| 1984 109A | COSMOS 1605 | 15359 | USSR | 11 OCT | 104.7 | 82.9 | 1014 | 947 | | |
| 1984 109B | | 15360 | USSR | 11 OCT | 104.6 | 82.9 | 1008 | 945 | | |
| 1984 110A | | 15362 | US | 12 OCT | 108.9 | 89.9 | 1197 | 1151 | | |
| 1984 111A | COSMOS 1606 | 15369 | USSR | 18 OCT | 97.2 | 82.5 | 637 | 606 | | |
| 1984 111B | | 15370 | USSR | 18 OCT | 97.4 | 82.5 | 652 | 618 | | |
| 1984 112A | COSMOS 1607 | 15378 | USSR | 31 OCT | 104.1 | 65.0 | 994 | 907 | | |
| 1984 112C | | 15503 | USSR | 31 OCT | 103.8 | 65.0 | 968 | 904 | | |
| 1984 113B | ANIK D2 | 15383 | CANADA | 9 NOV | 1436.1 | 0.0 | 35798 | 35776 | | 35* |
| 1984 113C | SYNCOM IV-1 | 15384 | US | 10 NOV | 1436.1 | 1.8 | 36102 | 35470 | | 35* |
| 1984 113D | | 15387 | US | 9 NOV | 622.5 | 25.6 | 35204 | 339 | | |
| 1984 113E | | 15390 | US | 10 NOV | 263.7 | 27.1 | 14154 | 329 | | |
| 1984 114A | SPACENET 2 | 15385 | US | 10 NOV | 1436.0 | 0.0 | 35788 | 35782 | | |
| 1984 114B | MARECS B2 | 15386 | ESA | 10 NOV | 1436.0 | 2.0 | 35799 | 35774 | | |
| 1984 114C | | 15388 | ESA | 10 NOV | 611.4 | 7.7 | 34618 | 346 | | |
| 1984 115A | NATO III-D | 15391 | NATO | 14 NOV | 1437.0 | 0.5 | 35815 | 35793 | | |
| 1984 115B | | 15392 | US | 14 NOV | 115.9 | 21.5 | 2315 | 675 | | |
| 1984 115C | | 15402 | US | 14 NOV | 638.7 | 22.9 | 35934 | 443 | | |
| 1984 118A | COSMOS 1610 | 15398 | USSR | 15 NOV | 104.8 | 82.9 | 1009 | 963 | | |
| 1984 118B | | 15399 | USSR | 15 NOV | 104.7 | 82.9 | 1002 | 955 | | |
| 1984 122A | | 15423 | US | 4 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 123A | NOAA 9 | 15427 | US | 12 DEC | 101.9 | 99.1 | 859 | 839 | | |
| 1984 123B | | 15440 | US | 12 DEC | 99.8 | 99.0 | 755 | 744 | | |
| 1984 123C | | 15441 | US | 12 DEC | 99.1 | 99.0 | 722 | 710 | | |
| 1984 124A | MOLNIYA 1-63 | 15429 | USSR | 14 DEC | 717.2 | 63.3 | 38663 | 1663 | | |
| 1984 124H | | 15439 | USSR | 14 DEC | 733.4 | 63.6 | 39201 | 1921 | | |
| 1984 125A | VEGA 1 | 15432 | USSR | 15 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1984 125D | | 15447 | USSR | 15 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1984 128A | VEGA 2 | 15449 | USSR | 21 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1984 128B | | 15450 | USSR | 21 DEC | HELIOCENTRIC ORBIT | | | | | |
| 1984 129A | | 15453 | US | 22 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1984 129B | | 15454 | US | 22 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 LAUNCHES | | | | | | | | | | |
| 1985 001A | MS-T5 | 15464 | JAPAN | 7 JAN | HELIOCENTRIC ORBIT | | | | | |
| 1985 001B | | 15465 | JAPAN | 7 JAN | HELIOCENTRIC ORBIT | | | | | |
| 1985 003A | COSMOS 1617 | 15469 | USSR | 15 JAN | 114.0 | 82.6 | 1412 | 1409 | | |
| 1985 003B | COSMOS 1618 | 15470 | USSR | 15 JAN | 114.0 | 82.6 | 1410 | 1405 | | |
| 1985 003C | COSMOS 1619 | 15471 | USSR | 15 JAN | 113.7 | 82.6 | 1410 | 1381 | | |
| 1985 003D | COSMOS 1620 | 15472 | USSR | 15 JAN | 113.8 | 82.6 | 1410 | 1388 | | |
| 1985 003E | COSMOS 1621 | 15473 | USSR | 15 JAN | 113.8 | 82.6 | 1410 | 1393 | | |
| 1985 003F | COSMOS 1622 | 15474 | USSR | 15 JAN | 113.9 | 82.6 | 1410 | 1398 | | |
| 1985 003G | | 15475 | USSR | 15 JAN | 114.7 | 82.6 | 1469 | 1411 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1985 LAUNCHES (CONT.) | | | | | | | | | | |
| 1985 004A | MOLNIYA 3-23 | 15476 | USSR | 16 JAN | 717.8 | 64.8 | 38721 | 1633 | | |
| 1985 004D | | 15481 | USSR | 16 JAN | 731.7 | 65.1 | 39331 | 1709 | | |
| 1985 006A | COSMOS 1624 | 15482 | USSR | 17 JAN | 100.7 | 74.0 | 800 | 778 | | |
| 1985 006B | | 15483 | USSR | 17 JAN | 100.5 | 74.0 | 797 | 767 | | |
| 1985 006C | | 15490 | USSR | 17 JAN | 100.5 | 74.0 | 783 | 779 | | |
| 1985 006D | | 15491 | USSR | 17 JAN | 100.9 | 74.0 | 815 | 785 | | |
| 1985 007A | GORIZONT 11 | 15484 | USSR | 18 JAN | 1436.1 | 4.3 | 35807 | 35767 | | |
| 1985 007D | | 15487 | USSR | 18 JAN | 1397.7 | 4.1 | 35098 | 34966 | | |
| 1985 007F | | 15489 | USSR | 19 JAN | 455.5 | 46.7 | 26292 | 174 | | |
| 1985 009A | COSMOS 1626 | 15494 | USSR | 24 JAN | 97.1 | 82.5 | 636 | 603 | | |
| 1985 009B | | 15495 | USSR | 24 JAN | 97.4 | 82.5 | 652 | 617 | | |
| 1985 010B | | 15543 | US | 24 JAN | ELEMENTS NOT AVAILABLE | | | | | 35* |
| 1985 010C | | 15544 | US | 24 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 010D | | 15545 | US | 24 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 011A | COSMOS 1627 | 15505 | USSR | 1 FEB | 104.8 | 82.9 | 1015 | 952 | | |
| 1985 011B | | 15506 | USSR | 1 FEB | 104.7 | 82.9 | 1005 | 952 | | |
| 1985 013A | METEOR 2-12 | 15516 | USSR | 6 FEB | 103.9 | 82.5 | 958 | 931 | | |
| 1985 013B | | 15517 | USSR | 6 FEB | 103.9 | 82.5 | 957 | 933 | | |
| 1985 014A | | 15546 | US | 8 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 014B | | 15547 | US | 8 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 015A | ARABSAT 1 | 15560 | SA | 8 FEB | 1436.1 | 0.3 | 35808 | 35765 | | |
| 1985 015B | SBTS 1 | 15561 | BRAZIL | 8 FEB | 1436.2 | 0.0 | 35796 | 35781 | | |
| 1985 015C | | 15562 | ESA | 8 FEB | 591.6 | 7.0 | 33594 | 337 | | |
| 1985 016A | COSMOS 1629 | 15574 | USSR | 21 FEB | 1436.5 | 4.4 | 35811 | 35775 | | |
| 1985 016F | | 15581 | USSR | 21 FEB | 1448.6 | 4.4 | 36137 | 35924 | | |
| 1985 020A | COSMOS 1633 | 15592 | USSR | 5 MAR | 97.1 | 82.5 | 629 | 609 | | |
| 1985 021A | GEOSAT | 15595 | US | 13 MAR | 100.5 | 108.1 | 782 | 779 | | |
| 1985 021B | | 15596 | US | 13 MAR | 100.3 | 108.0 | 799 | 750 | | |
| 1985 021C | | 15613 | US | 13 MAR | 97.4 | 108.5 | 660 | 603 | | |
| 1985 021D | | 15614 | US | 13 MAR | 99.6 | 108.2 | 755 | 722 | | |
| 1985 021E | | 15615 | US | 13 MAR | 100.5 | 107.8 | 824 | 744 | | |
| 1985 021F | | 15616 | US | 13 MAR | 100.8 | 107.5 | 873 | 715 | | |
| 1985 022A | COSMOS 1634 | 15597 | USSR | 14 MAR | 104.7 | 82.9 | 1007 | 956 | | |
| 1985 022B | | 15598 | USSR | 14 MAR | 104.6 | 82.9 | 992 | 960 | | |
| 1985 023A | COSMOS 1635 | 15617 | USSR | 21 MAR | 115.8 | 74.1 | 1510 | 1472 | | |
| 1985 023B | COSMOS 1636 | 15618 | USSR | 21 MAR | 115.6 | 74.1 | 1492 | 1472 | | |
| 1985 023C | COSMOS 1637 | 15619 | USSR | 21 MAR | 115.4 | 74.1 | 1486 | 1463 | | |
| 1985 023D | COSMOS 1638 | 15620 | USSR | 21 MAR | 115.2 | 74.1 | 1478 | 1454 | | |
| 1985 023E | COSMOS 1639 | 15621 | USSR | 21 MAR | 115.1 | 74.1 | 1478 | 1439 | | |
| 1985 023F | COSMOS 1640 | 15622 | USSR | 21 MAR | 114.9 | 74.1 | 1477 | 1425 | | |
| 1985 023G | COSMOS 1641 | 15623 | USSR | 21 MAR | 114.8 | 74.1 | 1477 | 1410 | | |
| 1985 023H | COSMOS 1642 | 15624 | USSR | 21 MAR | 114.6 | 74.1 | 1476 | 1396 | | |
| 1985 023J | | 15625 | USSR | 21 MAR | 118.0 | 74.1 | 1709 | 1474 | | |
| 1985 024A | EKRAN 14 | 15626 | USSR | 22 MAR | 1519.1 | 5.4 | 37455 | 37335 | | |
| 1985 024D | | 15630 | USSR | 22 MAR | 1422.6 | 5.1 | 35589 | 35455 | | |
| 1985 025A | INTELSAT VF10 | 15629 | ITSO | 22 MAR | 1436.1 | 0.0 | 35808 | 35768 | | |
| 1985 025B | | 15631 | US | 22 MAR | 424.5 | 23.2 | 24429 | 236 | | |
| 1985 028B | ANIK C1 | 15642 | CANADA | 13 APR | 1436.1 | 0.0 | 35798 | 35776 | | 35* |
| 1985 028C | SYNCOM IV-3 | 15643 | US | 12 APR | 1436.0 | 1.8 | 35808 | 35763 | | 35* |
| 1985 028D | | 15644 | US | 13 APR | 600.9 | 23.0 | 34044 | 374 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1985 LAUNCHES (CONT.) | | | | | | | | | | |
| 1985 028E | | 16229 | US | 12 APR | 277.7 | 27.0 | 15124 | 321 | | |
| 1985 030D - 030AA | | | USSR | 18 APR | SEE NOTE | | 43* | | | 43* |
| 1985 033A | PROGNOZ 10 | 15651 | USSR | 26 APR | 5783.7 | 76.8 | 194734 | 5975 | | |
| 1985 033D | | 15654 | USSR | 26 APR | 5794.8 | 65.0 | 200315 | 420 | | |
| 1985 035A | GSTAR 1 | 15677 | US | 8 MAY | 1436.0 | 0.0 | 35791 | 35781 | | |
| 1985 035B | TELECOM 1B | 15678 | FRANCE | 8 MAY | 1437.4 | 3.0 | 35820 | 35801 | | |
| 1985 035C | | 15679 | ESA | 8 MAY | 519.8 | 6.6 | 29816 | 257 | | |
| 1985 035D | | 15680 | ESA | 8 MAY | 304.5 | 6.7 | 16481 | 748 | | |
| 1985 037A | COSMOS 1650 | 15697 | USSR | 17 MAY | 675.7 | 64.8 | 19177 | 19081 | | |
| 1985 037B | COSMOS 1651 | 15698 | USSR | 17 MAY | 675.6 | 64.8 | 19145 | 19110 | | |
| 1985 037C | COSMOS 1652 | 15699 | USSR | 17 MAY | 675.8 | 64.8 | 19151 | 19113 | | |
| 1985 037F | | 15702 | USSR | 17 MAY | 675.0 | 64.8 | 19167 | 19056 | | |
| 1985 037G | | 15714 | USSR | 17 MAY | 335.1 | 51.8 | 18870 | 333 | | |
| 1985 037H | | 15715 | USSR | 17 MAY | 332.6 | 51.9 | 18740 | 308 | | |
| 1985 040A | MOLNIYA 3-24 | 15738 | USSR | 29 MAY | 717.9 | 63.7 | 39217 | 1144 | | |
| 1985 040D | | 15741 | USSR | 29 MAY | 732.2 | 63.6 | 39519 | 1546 | | |
| 1985 041A | COSMOS 1655 | 15751 | USSR | 30 MAY | 105.0 | 82.9 | 1012 | 974 | | |
| 1985 041J | | 15752 | USSR | 30 MAY | 104.9 | 82.9 | 1006 | 971 | | |
| 1985 042A | COSMOS 1656 | 15755 | USSR | 30 MAY | 101.5 | 71.1 | 855 | 801 | | |
| 1985 042D | | 15772 | USSR | 30 MAY | 101.5 | 71.1 | 855 | 800 | | |
| 1985 042E | | 15773 | USSR | 30 MAY | 101.2 | 66.6 | 841 | 784 | | |
| 1985 042F | | 15774 | USSR | 30 MAY | 101.3 | 66.6 | 840 | 797 | | |
| 1985 042G | | 18764 | USSR | 30 MAY | 100.2 | 66.6 | 843 | 692 | | |
| 1985 042H | | 18765 | USSR | 30 MAY | 101.4 | 66.6 | 833 | 818 | | |
| 1985 042J | | 18766 | USSR | 30 MAY | 102.8 | 66.6 | 948 | 836 | | |
| 1985 042K | | 18767 | USSR | 30 MAY | 104.5 | 66.6 | 1100 | 840 | | |
| 1985 042L | | 18819 | USSR | 30 MAY | 102.3 | 66.6 | 910 | 827 | | |
| 1985 045A | COSMOS 1658 | 15808 | USSR | 11 JUN | 717.1 | 65.4 | 37438 | 2884 | | |
| 1985 045D | | 15811 | USSR | 11 JUN | 709.3 | 65.8 | 36979 | 2954 | | |
| 1985 047A | COSMOS 1660 | 15821 | USSR | 14 JUN | 116.0 | 73.6 | 1523 | 1480 | | |
| 1985 047B | | 15822 | USSR | 14 JUN | 116.0 | 73.6 | 1518 | 1479 | | |
| 1985 048B | MORELOS A | 15824 | MEXICO | 17 JUN | 1436.1 | 0.0 | 35813 | 35755 | | 35* |
| 1985 048C | ARABSAT 1B | 15825 | SA | 18 JUN | 1436.1 | 0.0 | 35824 | 35747 | | 35* |
| 1985 048D | TELSTAR 3D | 15826 | US | 19 JUN | 1436.1 | 0.0 | 35792 | 35782 | | 35* |
| 1985 048F | | 15832 | US | 17 JUN | 629.0 | 25.1 | 35542 | 335 | | |
| 1985 048G | | 15836 | US | 18 JUN | 622.1 | 26.5 | 35145 | 375 | | |
| 1985 048H | | 15837 | US | 18 JUN | 654.5 | 25.6 | 36754 | 430 | | |
| 1985 049A | COSMOS 1661 | 15827 | USSR | 18 JUN | 717.1 | 66.5 | 37243 | 3078 | | |
| 1985 049D | | 15830 | USSR | 18 JUN | 724.9 | 67.0 | 37712 | 2987 | | |
| 1985 055A | INTELSAT VA F11 | 15873 | ITSO | 30 JUN | 1436.1 | 0.0 | 35813 | 35763 | | |
| 1985 055B | | 15874 | US | 30 JUN | 561.6 | 23.4 | 32041 | 299 | | |
| 1985 056A | GIOTTO | 15875 | ESA | 2 JUL | HELIOCENTRIC ORBIT | | | | | |
| 1985 056B | | 15876 | ESA | 2 JUL | 498.2 | 8.1 | 28592 | 288 | | |
| 1985 056C | | 17255 | ESA | 2 JUL | 598.8 | 8.5 | 33993 | 314 | | |
| 1985 056D | | 17325 | ESA | 2 JUL | 573.1 | 7.3 | 32666 | 289 | | |
| 1985 056E | | 17332 | ESA | 2 JUL | 461.9 | 8.1 | 26443 | 387 | | |
| 1985 058A | COSMOS 1666 | 15889 | USSR | 8 JUL | 97.2 | 82.5 | 637 | 608 | | |
| 1985 058B | | 15890 | USSR | 8 JUL | 97.5 | 82.5 | 652 | 621 | | |
| 1985 058C | | 19241 | USSR | 8 JUL | 97.0 | 82.5 | 628 | 598 | | |
| 1985 061A | MOLNIYA 3-25 | 15909 | USSR | 17 JUL | 717.8 | 64.4 | 39547 | 806 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1985 LAUNCHES (CONT.) | | | | | | | | | | |
| 1985 061D | | 15916 | USSR | 17 JUL | 737.8 | 64.3 | 40614 | 725 | | |
| 1985 064A | COSMOS 1670 | 15930 | USSR | 1 AUG | 104.1 | 64.9 | 1001 | 899 | | |
| 1985 066A | NNSS 30309 | 15935 | US | 3 AUG | 107.9 | 89.9 | 1256 | 1000 | | |
| 1985 066B | NNSS 30240 | 15936 | US | 3 AUG | 107.9 | 89.9 | 1258 | 999 | | |
| 1985 066C | | 15938 | US | 3 AUG | 107.9 | 89.9 | 1260 | 997 | | |
| 1985 066D | | 15950 | US | 3 AUG | 107.0 | 89.9 | 1208 | 969 | | |
| 1985 066E | | 15951 | US | 3 AUG | 107.1 | 89.9 | 1213 | 975 | | |
| 1985 066F | | 16020 | US | 3 AUG | 107.6 | 90.2 | 1222 | 1004 | | |
| 1985 066G | | 17164 | US | 3 AUG | 108.2 | 89.3 | 1297 | 988 | | |
| 1985 069A | COSMOS 1674 | 15944 | USSR | 8 AUG | 97.1 | 82.5 | 637 | 605 | | |
| 1985 069B | | 15945 | USSR | 8 AUG | 97.4 | 82.5 | 652 | 618 | | |
| 1985 070A | RADUGA 16 | 15946 | USSR | 8 AUG | 1436.8 | 4.0 | 35809 | 35790 | | |
| 1985 070F | | 15953 | USSR | 8 AUG | 1472.4 | 4.1 | 36549 | 36438 | | |
| 1985 071A | COSMOS 1675 | 15952 | USSR | 12 AUG | 717.7 | 67.5 | 37727 | 2622 | | |
| 1985 071D | | 15955 | USSR | 12 AUG | 708.2 | 67.4 | 37255 | 2626 | | |
| 1985 073A | PLANET A | 15957 | JAPAN | 18 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1985 073C | | 15959 | JAPAN | 18 AUG | HELIOCENTRIC ORBIT | | | | | |
| 1985 074A | MOLNIYA 1-64 | 15977 | USSR | 22 AUG | 717.8 | 64.9 | 39220 | 1133 | | |
| 1985 074D | | 15983 | USSR | 22 AUG | 732.4 | 65.2 | 39941 | 1131 | | |
| 1985 075A | COSMOS 1677 | 15986 | USSR | 23 AUG | 103.9 | 64.7 | 996 | 886 | | |
| 1985 076B | AUSSAT 1 | 15993 | AUSTRL | 27 AUG | 1436.2 | 0.0 | 35796 | 35778 | | 35* |
| 1985 076C | ASC 1 | 15994 | US | 27 AUG | 1436.1 | 0.1 | 35798 | 35774 | | 35* |
| 1985 076D | SYNCOM IV-4 | 15995 | US | 29 AUG | 1438.1 | 1.1 | 35847 | 35806 | | 35* |
| 1985 076E | | 15996 | US | 27 AUG | 633.6 | 26.5 | 35722 | 394 | | |
| 1985 076F | | 16091 | US | 29 AUG | 279.7 | 27.4 | 15191 | 385 | | |
| 1985 076G | | 16097 | US | 29 AUG | 631.8 | 27.1 | 35621 | 402 | | |
| 1985 077K | | 16389 | USSR | 29 AUG | 104.8 | 71.0 | 1126 | 842 | | |
| 1985 077K | | 19608 | USSR | 29 AUG | 100.4 | 74.1 | 799 | 769 | | |
| 1985 077L | | 16390 | USSR | 29 AUG | 105.1 | 71.0 | 1156 | 840 | | |
| 1985 077M | | 16391 | USSR | 29 AUG | 104.8 | 71.0 | 1127 | 838 | | |
| 1985 077N | | 16392 | USSR | 29 AUG | 104.9 | 71.0 | 1142 | 839 | | |
| 1985 079A | COSMOS 1680 | 16011 | USSR | 4 SEP | 100.6 | 74.0 | 799 | 777 | | |
| 1985 079B | | 16012 | USSR | 4 SEP | 100.5 | 74.1 | 793 | 771 | | |
| 1985 079C | | 17754 | USSR | 4 SEP | 100.8 | 74.1 | 813 | 782 | | |
| 1985 082B - 082Z | | | USSR | 19 SEP | SEE NOTE | | 42* | | | 42* |
| 1985 084A | COSMOS 1684 | 16054 | USSR | 24 SEP | 718.5 | 63.5 | 37269 | 3119 | | |
| 1985 084D | | 16070 | USSR | 24 SEP | 705.9 | 64.2 | 36733 | 3034 | | |
| 1985 087A | INTELSAT VA F-12 | 16101 | ITSO | 29 SEP | 1436.1 | 0.0 | 35805 | 35770 | | |
| 1985 087B | | 16102 | US | 29 SEP | 528.5 | 23.5 | 30273 | 275 | | |
| 1985 088A | COSMOS 1687 | 16103 | USSR | 30 SEP | 717.9 | 65.8 | 36970 | 3390 | | |
| 1985 088D | | 16106 | USSR | 30 SEP | 703.6 | 66.0 | 36616 | 3037 | | |
| 1985 090A | COSMOS 1689 | 16110 | USSR | 3 OCT | 95.9 | 97.7 | 593 | 528 | | |
| 1985 090B | | 16111 | USSR | 3 OCT | 96.7 | 97.7 | 638 | 559 | | |
| 1985 091A | MOLNIYA 3-26 | 16112 | USSR | 3 OCT | 719.3 | 64.5 | 38050 | 2378 | | |
| 1985 091D | | 16125 | USSR | 3 OCT | 734.0 | 64.8 | 38609 | 2543 | | |
| 1985 092B | | 16116 | US | 3 OCT | ELEMENTS NOT AVAILABLE | | | | | 35* |
| 1985 092C | | 16117 | US | 3 OCT | ELEMENTS NOT AVAILABLE | | | | | 35* |
| 1985 092D | | 16118 | US | 3 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 092E | | 16119 | US | 3 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1985 093A | | 16129 | US | 9 OCT | 718.0 | 64.0 | 20508 | 19855 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1985 LAUNCHES (CONT.) | | | | | | | | | | |
| 1985 093B | | 16137 | US | 9 OCT | 368.2 | 63.6 | 20395 | 883 | | |
| 1985 094A | COSMOS 1690 | 16138 | USSR | 9 OCT | 113.7 | 82.6 | 1414 | 1378 | | |
| 1985 094B | COSMOS 1691 | 16139 | USSR | 9 OCT | 114.0 | 82.6 | 1413 | 1409 | | |
| 1985 094C | COSMOS 1692 | 16140 | USSR | 9 OCT | 113.8 | 82.6 | 1413 | 1386 | | |
| 1985 094D | COSMOS 1693 | 16141 | USSR | 9 OCT | 113.8 | 82.6 | 1414 | 1390 | | |
| 1985 094E | COSMOS 1694 | 16142 | USSR | 9 OCT | 113.9 | 82.6 | 1414 | 1395 | | |
| 1985 094F | COSMOS 1695 | 16143 | USSR | 9 OCT | 114.0 | 82.6 | 1413 | 1403 | | |
| 1985 094G | | 16144 | USSR | 9 OCT | 114.7 | 82.6 | 1469 | 1412 | | |
| 1985 094K | | 16266 | USSR | 9 OCT | 114.0 | 82.6 | 1432 | 1388 | | |
| 1985 094L | | 16267 | USSR | 9 OCT | 113.1 | 82.6 | 1447 | 1286 | | |
| 1985 094M | | 16268 | USSR | 9 OCT | 114.9 | 82.7 | 1519 | 1386 | | |
| 1985 094N | | 16269 | USSR | 9 OCT | 114.1 | 82.6 | 1425 | 1400 | | |
| 1985 094P | | 16270 | USSR | 9 OCT | 113.7 | 82.7 | 1602 | 1191 | | |
| 1985 094Q | | 16271 | USSR | 9 OCT | 114.0 | 82.6 | 1414 | 1402 | | |
| 1985 094R | | 16272 | USSR | 9 OCT | 113.4 | 82.6 | 1422 | 1347 | | |
| 1985 094S | | 17168 | USSR | 9 OCT | 113.3 | 82.6 | 1437 | 1317 | | |
| 1985 094U | | 18777 | USSR | 9 OCT | 114.0 | 82.6 | 1412 | 1410 | | |
| 1985 097A | COSMOS 1697 | 16181 | USSR | 22 OCT | 101.9 | 71.0 | 854 | 843 | | |
| 1985 097B | | 16182 | USSR | 22 OCT | 101.7 | 71.0 | 847 | 833 | | |
| 1985 098A | COSMOS 1698 | 16183 | USSR | 22 OCT | 717.0 | 64.8 | 37005 | 3308 | | |
| 1985 098D | | 16186 | USSR | 22 OCT | 707.9 | 65.0 | 36668 | 3196 | | |
| 1985 099A | MOLNIYA 1-65 | 16187 | USSR | 23 OCT | 717.5 | 64.7 | 38088 | 2250 | | |
| 1985 099E | | 16197 | USSR | 23 OCT | 698.0 | 64.6 | 37150 | 2225 | | |
| 1985 100A | METEOR 3 | 16191 | USSR | 24 OCT | 109.3 | 82.5 | 1209 | 1178 | | |
| 1985 100B | | 16194 | USSR | 24 OCT | 110.2 | 82.6 | 1246 | 1221 | | |
| 1985 102A | COSMOS 1700 | 16199 | USSR | 25 OCT | 1436.8 | 3.6 | 35823 | 35776 | | |
| 1985 102D | | 16214 | USSR | 25 OCT | 1431.1 | 3.6 | 35786 | 35589 | | |
| 1985 103A | MOLNIYA 1-66 | 16220 | USSR | 28 OCT | 717.5 | 64.1 | 39747 | 595 | | |
| 1985 103D | | 16223 | USSR | 28 OCT | 701.0 | 64.3 | 38732 | 791 | | |
| 1985 105A | COSMOS 1701 | 16235 | USSR | 9 NOV | 717.7 | 67.3 | 37793 | 2559 | | |
| 1985 105D | | 16243 | USSR | 9 NOV | 706.2 | 67.3 | 37241 | 2539 | | |
| 1985 107A | RADUGA 17 | 16250 | USSR | 15 NOV | 1436.0 | 3.7 | 35798 | 35770 | | |
| 1985 107F | | 16339 | USSR | 15 NOV | 1477.1 | 3.8 | 36694 | 36474 | | |
| 1985 108A | COSMOS 1703 | 16262 | USSR | 22 NOV | 97.2 | 82.5 | 639 | 608 | | |
| 1985 108B | | 16263 | USSR | 22 NOV | 97.5 | 82.5 | 654 | 621 | | |
| 1985 109B | MORELOS B | 16274 | MEXICO | 27 NOV | 1436.1 | 0.0 | 35799 | 35775 | | 35* |
| 1985 109C | AUSSAT 2 | 16275 | AUSTRL | 27 NOV | 1436.2 | 0.0 | 35797 | 35778 | | 35* |
| 1985 109D | SATCOM KU2 | 16276 | US | 28 NOV | 1436.2 | 0.1 | 35793 | 35782 | | 35* |
| 1985 109F | | 16293 | US | 27 NOV | 642.4 | 26.0 | 36179 | 390 | | |
| 1985 109G | | 16294 | US | 27 NOV | 637.7 | 26.2 | 35928 | 396 | | |
| 1985 109H | | 16295 | US | 28 NOV | 620.4 | 26.3 | 35014 | 419 | | |
| 1985 110A | COSMOS 1704 | 16291 | USSR | 28 NOV | 104.8 | 82.9 | 1005 | 961 | | |
| 1985 110B | | 16292 | USSR | 28 NOV | 104.6 | 83.0 | 997 | 953 | | |
| 1985 113A | COSMOS 1707 | 16326 | USSR | 12 DEC | 97.2 | 82.5 | 640 | 608 | | |
| 1985 113B | | 16327 | USSR | 12 DEC | 97.5 | 82.5 | 653 | 620 | | |
| 1985 116A | COSMOS 1709 | 16368 | USSR | 19 DEC | 104.8 | 82.9 | 1009 | 958 | | |
| 1985 116B | | 16369 | USSR | 19 DEC | 104.6 | 82.9 | 1001 | 952 | | |
| 1985 117A | MOLNIYA 3-27 | 16393 | USSR | 24 DEC | 712.7 | 63.4 | 38279 | 1826 | | |
| 1985 117F | | 16402 | USSR | 24 DEC | 732.6 | 63.4 | 38990 | 2093 | | |
| 1985 119A | COSMOS 1710 | 16396 | USSR | 24 DEC | 675.7 | 66.0 | 19150 | 19108 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1985 LAUNCHES (CONT.) | | | | | | | | | | |
| 1985 118B | COSMOS 1711 | 16397 | USSR | 24 DEC | 675.7 | 66.0 | 19150 | 19108 | | |
| 1985 118C | COSMOS 1712 | 16398 | USSR | 24 DEC | 676.3 | 66.0 | 19153 | 19134 | | |
| 1985 118F | | 16404 | USSR | 24 DEC | 675.5 | 66.0 | 19131 | 19117 | | |
| 1985 118K | | 16445 | USSR | 24 DEC | 340.4 | 65.3 | 18791 | 748 | | |
| 1985 118L | | 16446 | USSR | 24 DEC | 340.3 | 65.3 | 18786 | 750 | | |
| 1985 119A | METEOR 2-13 | 16408 | USSR | 26 DEC | 104.0 | 82.5 | 955 | 934 | | |
| 1985 119B | | 16409 | USSR | 26 DEC | 104.0 | 82.5 | 955 | 935 | | |
| 1986 LAUNCHES | | | | | | | | | | |
| 1986 002A | COSMOS 1716 | 16449 | USSR | 9 JAN | 115.5 | 74.0 | 1490 | 1461 | | |
| 1986 002B | COSMOS 1717 | 16450 | USSR | 9 JAN | 115.8 | 74.0 | 1511 | 1473 | | |
| 1986 002C | COSMOS 1718 | 16451 | USSR | 9 JAN | 115.6 | 74.0 | 1494 | 1472 | | |
| 1986 002D | COSMOS 1719 | 16452 | USSR | 9 JAN | 115.3 | 74.0 | 1482 | 1453 | | |
| 1986 002E | COSMOS 1720 | 16453 | USSR | 9 JAN | 115.1 | 74.0 | 1482 | 1438 | | |
| 1986 002F | COSMOS 1721 | 16454 | USSR | 9 JAN | 115.0 | 74.0 | 1481 | 1424 | | |
| 1986 002G | COSMOS 1722 | 16455 | USSR | 9 JAN | 114.8 | 74.0 | 1482 | 1410 | | |
| 1986 002H | COSMOS 1723 | 16456 | USSR | 9 JAN | 114.6 | 74.0 | 1479 | 1398 | | |
| 1986 002J | | 16457 | USSR | 9 JAN | 117.9 | 74.0 | 1694 | 1479 | | |
| 1986 003B | SATCOM KU1 | 16482 | US | 12 JAN | 1436.2 | 0.0 | 35794 | 35781 | | |
| 1986 003C | | 16483 | US | 12 JAN | 620.6 | 26.6 | 35130 | 317 | | |
| 1986 005A | COSMOS 1725 | 16493 | USSR | 17 JAN | 104.8 | 82.9 | 1000 | 966 | | |
| 1986 005B | | 16494 | USSR | 17 JAN | 104.6 | 82.9 | 991 | 962 | | |
| 1986 006A | COSMOS 1726 | 16495 | USSR | 17 JAN | 97.1 | 82.5 | 633 | 606 | | |
| 1986 006B | | 16496 | USSR | 17 JAN | 97.4 | 82.5 | 650 | 619 | | |
| 1986 007A | RADUGA 18 | 16497 | USSR | 17 JAN | 1436.0 | 3.6 | 35791 | 35778 | | |
| 1986 007E | | 16501 | USSR | 17 JAN | 647.7 | 47.0 | 36585 | 252 | | |
| 1986 007F | | 16870 | USSR | 17 JAN | 1472.4 | 3.7 | 36640 | 36348 | | |
| 1986 008A | COSMOS 1727 | 16510 | USSR | 23 JAN | 104.8 | 82.9 | 1014 | 955 | | |
| 1986 008B | | 16511 | USSR | 23 JAN | 104.7 | 82.9 | 1004 | 956 | | |
| 1986 010A | PRC 14 | 16526 | PRC | 1 FEB | 1437.0 | 2.4 | 35818 | 35791 | | |
| 1986 010B | | 16528 | PRC | 1 FEB | 628.4 | 31.1 | 35363 | 483 | | |
| 1986 011A | COSMOS 1729 | 16527 | USSR | 1 FEB | 718.2 | 63.3 | 37739 | 2634 | | |
| 1986 011F | | 16533 | USSR | 1 FEB | 705.7 | 63.7 | 37098 | 2657 | | |
| 1986 014A | | 16591 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1986 014B | | 16592 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1986 014C | | 16622 | US | 9 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1986 014D | | 16623 | US | 9 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1986 014E | | 16624 | US | 9 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1986 014F | | 16625 | US | 9 FEB | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1986 014G | | 16630 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1986 014H | | 16631 | US | 9 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1986 015A | COSMOS 1732 | 16593 | USSR | 11 FEB | 116.0 | 73.6 | 1523 | 1478 | | |
| 1986 015B | | 16594 | USSR | 11 FEB | 115.9 | 73.6 | 1519 | 1477 | | |
| 1986 016A | BS-2B | 16597 | JAPAN | 12 FEB | 1436.1 | 0.2 | 35802 | 35771 | | |
| 1986 016C | | 16600 | JAPAN | 12 FEB | 451.0 | 27.9 | 25998 | 210 | | |
| 1986 017A | MIR | 16609 | USSR | 19 FEB | 91.9 | 51.6 | 378 | 360 | | |
| 1986 017B - 017CV | | | USSR | 19 FEB | SEE NOTE | | 47* | | | 47* |
| 1986 018A | COSMOS 1733 | 16611 | USSR | 19 FEB | 97.1 | 82.5 | 633 | 608 | | |
| 1986 018B | | 16612 | USSR | 19 FEB | 97.4 | 82.5 | 647 | 622 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1986 LAUNCHES (CONT.) | | | | | | | | | | |
| 1986 019A | SPOT 1 | 16613 | FRANCE | 22 FEB | 101.3 | 98.7 | 823 | 821 | | |
| 1986 019B | VIKING | 16614 | SWEDEN | 22 FEB | 261.6 | 98.8 | 13517 | 823 | | |
| 1986 019C - 019VL | | | ESA | 22 FEB | SEE NOTE | | 45* | | | 45* |
| 1986 022C | | 16663 | USSR | 13 MAR | 89.5 | 51.6 | 253 | 244 | | |
| 1986 024A | COSMOS 1736 | 16647 | USSR | 21 MAR | 104.4 | 65.0 | 986 | 945 | | |
| 1986 024B - 024AF | | | USSR | 21 MAR | SEE NOTE | | 44* | | | 44* |
| 1986 026A | GSTAR 2 | 16649 | US | 28 MAR | 1436.1 | 0.0 | 35791 | 35783 | | |
| 1986 026B | SBTS 2 | 16650 | BRAZIL | 28 MAR | 1436.2 | 0.0 | 35795 | 35782 | | |
| 1986 026C | | 16657 | ESA | 28 MAR | 652.8 | 7.2 | 36633 | 464 | | |
| 1986 026E | | 17253 | ESA | 28 MAR | 537.6 | 7.9 | 30733 | 309 | | |
| 1986 026F | | 17254 | ESA | 28 MAR | 505.6 | 8.7 | 29038 | 253 | | |
| 1986 027A | COSMOS 1738 | 16667 | USSR | 4 APR | 1437.6 | 3.4 | 35870 | 35763 | | |
| 1986 027F | | 16676 | USSR | 4 APR | 1474.1 | 3.5 | 36694 | 36357 | | |
| 1986 030A | COSMOS 1741 | 16681 | USSR | 18 APR | 100.7 | 74.0 | 804 | 775 | | |
| 1986 030B | | 16682 | USSR | 18 APR | 100.5 | 74.0 | 796 | 771 | | |
| 1986 030C | | 17942 | USSR | 18 APR | 100.9 | 74.0 | 815 | 787 | | |
| 1986 030D | | 17843 | USSR | 18 APR | 100.9 | 74.0 | 813 | 788 | | |
| 1986 030E | | 18274 | USSR | 18 APR | 100.4 | 74.1 | 807 | 746 | | |
| 1986 030F | | 18525 | USSR | 18 APR | 100.5 | 74.1 | 783 | 777 | | |
| 1986 030G | | 18681 | USSR | 18 APR | 100.9 | 74.0 | 818 | 786 | | |
| 1986 030H | | 19235 | USSR | 18 APR | 104.0 | 74.0 | 951 | 944 | | |
| 1986 031A | MOLNIYA 3-28 | 16683 | USSR | 18 APR | 717.8 | 64.8 | 38400 | 1954 | | |
| 1986 031D | | 16685 | USSR | 18 APR | 733.5 | 65.0 | 39143 | 1983 | | |
| 1986 034A | COSMOS 1743 | 16719 | USSR | 15 MAY | 97.2 | 82.6 | 637 | 608 | | |
| 1986 034B | | 16720 | USSR | 15 MAY | 97.5 | 82.6 | 651 | 621 | | |
| 1986 037A | COSMOS 1745 | 16727 | USSR | 23 MAY | 104.8 | 83.0 | 1008 | 960 | | |
| 1986 037B | | 16728 | USSR | 23 MAY | 104.7 | 82.9 | 999 | 956 | | |
| 1986 038A | EKRAN 15 | 16729 | USSR | 24 MAY | 1491.6 | 4.3 | 36919 | 36810 | | |
| 1986 038D | | 16732 | USSR | 24 MAY | 1420.5 | 4.1 | 35580 | 35382 | | |
| 1986 038E | | 16733 | USSR | 24 MAY | 254.4 | 47.9 | 13280 | 559 | | |
| 1986 039A | METEOR 2-14 | 16735 | USSR | 27 MAY | 104.0 | 82.5 | 956 | 935 | | |
| 1986 039B | | 16736 | USSR | 27 MAY | 104.0 | 82.5 | 955 | 935 | | |
| 1986 042A | COSMOS 1748 | 16758 | USSR | 6 JUN | 115.1 | 74.0 | 1468 | 1451 | | |
| 1986 042B | COSMOS 1749 | 16759 | USSR | 6 JUN | 114.4 | 74.0 | 1467 | 1391 | | |
| 1986 042C | COSMOS 1750 | 16760 | USSR | 6 JUN | 114.6 | 74.0 | 1468 | 1406 | | |
| 1986 042D | COSMOS 1751 | 16761 | USSR | 6 JUN | 115.6 | 74.0 | 1503 | 1465 | | |
| 1986 042E | COSMOS 1752 | 16762 | USSR | 6 JUN | 115.4 | 74.0 | 1484 | 1466 | | |
| 1986 042F | COSMOS 1753 | 16763 | USSR | 6 JUN | 115.3 | 74.0 | 1475 | 1460 | | |
| 1986 042G | COSMOS 1754 | 16764 | USSR | 6 JUN | 114.9 | 74.0 | 1468 | 1436 | | |
| 1986 042H | COSMOS 1755 | 16765 | USSR | 6 JUN | 114.8 | 74.0 | 1468 | 1422 | | |
| 1986 042J | | 16766 | USSR | 6 JUN | 117.7 | 74.0 | 1681 | 1470 | | |
| 1986 044A | GORIZONT 12 | 16769 | USSR | 10 JUN | 1435.5 | 3.0 | 35788 | 35761 | | |
| 1986 044F | | 16797 | USSR | 10 JUN | 1474.4 | 3.2 | 36581 | 36482 | | |
| 1986 046A | COSMOS 1758 | 16791 | USSR | 12 JUN | 97.3 | 82.5 | 647 | 612 | | |
| 1986 046B | | 16792 | USSR | 12 JUN | 97.5 | 82.5 | 656 | 618 | | |
| 1986 047A | COSMOS 1759 | 16798 | USSR | 18 JUN | 104.7 | 82.9 | 1001 | 962 | | |
| 1986 047B | | 16799 | USSR | 18 JUN | 104.6 | 82.9 | 1025 | 924 | | |
| 1986 049A | MOLNIYA 3-29 | 16802 | USSR | 19 JUN | 717.6 | 64.9 | 39422 | 921 | | |
| 1986 049D | | 16805 | USSR | 19 JUN | 733.2 | 65.1 | 40206 | 904 | | |
| 1986 050A | COSMOS 1761 | 16849 | USSR | 5 JUL | 718.9 | 64.6 | 37281 | 3125 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1986 LAUNCHES (CONT.) | | | | | | | | | | |
| 1986 050D | | 16854 | USSR | 5 JUL | 710.0 | 64.9 | 36933 | 3037 | | |
| 1986 052A | COSMOS 1763 | 16860 | USSR | 16 JUL | 100.3 | 74.0 | 797 | 750 | | |
| 1986 052B | | 16864 | USSR | 16 JUL | 100.3 | 74.0 | 797 | 746 | | |
| 1986 052C | | 16865 | USSR | 16 JUL | 99.8 | 74.0 | 769 | 727 | | |
| 1986 052D | | 16866 | USSR | 16 JUL | 99.7 | 74.0 | 765 | 725 | | |
| 1986 052E | | 16867 | USSR | 16 JUL | 99.9 | 74.0 | 774 | 733 | | |
| 1986 055A | COSMOS 1766 | 16881 | USSR | 28 JUL | 97.3 | 82.5 | 644 | 612 | | |
| 1986 055B | | 16882 | USSR | 28 JUL | 97.5 | 82.5 | 655 | 621 | | |
| 1986 057A | MOLNIYA 1-67 | 16885 | USSR | 30 JUL | 717.8 | 64.7 | 38920 | 1433 | | |
| 1986 057D | | 16889 | USSR | 30 JUL | 731.6 | 65.1 | 39636 | 1399 | | |
| 1986 061A | EGP | 16908 | JAPAN | 12 AUG | 115.7 | 50.0 | 1497 | 1479 | | |
| 1986 061B | JAS-1 | 16909 | JAPAN | 12 AUG | 115.7 | 50.0 | 1497 | 1479 | | |
| 1986 061C | | 16910 | JAPAN | 12 AUG | 116.9 | 50.0 | 1594 | 1484 | | |
| 1986 062A | COSMOS 1771 | 16917 | USSR | 20 AUG | 104.2 | 65.0 | 994 | 915 | | |
| 1986 062C | | 17035 | USSR | 20 AUG | 103.9 | 65.0 | 974 | 906 | | |
| 1986 065A | COSMOS 1774 | 16922 | USSR | 28 AUG | 718.8 | 64.8 | 38241 | 2161 | | |
| 1986 065D | | 16925 | USSR | 28 AUG | 707.0 | 65.3 | 37472 | 2350 | | |
| 1986 067B - 067AF | | | USSR | 3 SEP | SEE NOTE | | 46* | | | 46* |
| 1986 068A | MOLNIYA 1-68 | 16934 | USSR | 5 SEP | 717.8 | 64.7 | 38248 | 2105 | | |
| 1986 068D | | 16939 | USSR | 5 SEP | 731.3 | 64.8 | 38876 | 2140 | | |
| 1986 070A | COSMOS 1777 | 16952 | USSR | 10 SEP | 100.6 | 74.0 | 804 | 771 | | |
| 1986 070B | | 16953 | USSR | 10 SEP | 100.4 | 74.0 | 786 | 771 | | |
| 1986 071A | COSMOS 1778 | 16961 | USSR | 16 SEP | 675.7 | 64.8 | 19142 | 19115 | | |
| 1986 071B | COSMOS 1779 | 16962 | USSR | 16 SEP | 675.7 | 64.8 | 19142 | 19116 | | |
| 1986 071C | COSMOS 1780 | 16963 | USSR | 16 SEP | 675.7 | 64.8 | 19151 | 19107 | | |
| 1986 071F | | 16968 | USSR | 16 SEP | 675.2 | 64.8 | 19151 | 19081 | | |
| 1986 071G | | 16984 | USSR | 16 SEP | 336.9 | 64.6 | 19043 | 274 | | |
| 1986 071H | | 16985 | USSR | 16 SEP | 336.4 | 64.6 | 19023 | 263 | | |
| 1986 073A | NOAA 10 | 16969 | US | 17 SEP | 101.1 | 98.5 | 821 | 801 | | |
| 1986 073B | | 16982 | US | 17 SEP | 99.3 | 98.6 | 731 | 721 | | |
| 1986 073C | | 16983 | US | 17 SEP | 97.0 | 98.6 | 619 | 615 | | |
| 1986 074A | COSMOS 1782 | 16986 | USSR | 30 SEP | 97.3 | 82.5 | 642 | 616 | | |
| 1986 074B | | 16987 | USSR | 30 SEP | 97.5 | 82.5 | 651 | 623 | | |
| 1986 075A | COSMOS 1783 | 16993 | USSR | 3 OCT | 358.0 | 63.6 | 19587 | 1061 | | |
| 1986 075D | | 16996 | USSR | 3 OCT | 357.0 | 63.6 | 19533 | 1048 | | |
| 1986 078A | COSMOS 1785 | 17031 | USSR | 15 OCT | 717.5 | 66.8 | 38247 | 2092 | | |
| 1986 078D | | 17037 | USSR | 15 OCT | 707.6 | 67.5 | 37744 | 2106 | | |
| 1986 079A | MOLNIYA 3-30 | 17038 | USSR | 20 OCT | 717.8 | 64.9 | 38870 | 1483 | | |
| 1986 079D | | 17041 | USSR | 20 OCT | 699.0 | 64.9 | 37927 | 1495 | | |
| 1986 082A | RADUGA 19 | 17046 | USSR | 25 OCT | 1435.9 | 2.8 | 35790 | 35774 | | |
| 1986 082D | | 17052 | USSR | 25 OCT | 637.1 | 45.9 | 36043 | 252 | | |
| 1986 082E | | 17053 | USSR | 25 OCT | 101.8 | 46.4 | 1551 | 132 | | |
| 1986 082F | | 17065 | USSR | 25 OCT | 1475.4 | 2.9 | 36688 | 36418 | | |
| 1986 086A | COSMOS 1791 | 17066 | USSR | 13 NOV | 104.7 | 82.9 | 1010 | 949 | | |
| 1986 086B | | 17067 | USSR | 13 NOV | 104.6 | 82.9 | 1000 | 947 | | |
| 1986 086C | | 18552 | USSR | 13 NOV | 104.0 | 82.9 | 971 | 922 | | |
| 1986 088A | POLAR BEAR | 17070 | US | 14 NOV | 104.8 | 89.5 | 1016 | 955 | | |
| 1986 088B | | 17071 | US | 14 NOV | 104.8 | 89.5 | 1014 | 954 | | |
| 1986 088C | | 18426 | US | 14 NOV | 105.1 | 89.1 | 1052 | 947 | | |
| 1986 088D | | 18525 | US | 14 NOV | 104.3 | 89.9 | 965 | 955 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1986 LAUNCHES (CONT.) | | | | | | | | | | |
| 1986 089A | MOLNIYA 1-69 | 17079 | USSR | 15 NOV | 717.7 | 63.2 | 38232 | 2119 | | |
| 1986 089D | | 17081 | USSR | 15 NOV | 735.8 | 63.2 | 38774 | 2463 | | |
| 1986 090A | GORIZONT 13 | 17083 | USSR | 18 NOV | 1436.3 | 2.7 | 35800 | 35778 | | |
| 1986 090D | | 17125 | USSR | 18 NOV | 1436.8 | 2.6 | 35842 | 35756 | | |
| 1986 090F | | 17149 | USSR | 18 NOV | 632.9 | 47.3 | 35812 | 268 | | |
| 1986 091A | COSMOS 1793 | 17134 | USSR | 20 NOV | 717.9 | 65.8 | 37851 | 2507 | | |
| 1986 091D | | 17147 | USSR | 20 NOV | 705.9 | 66.5 | 37434 | 2331 | | |
| 1986 092A | COSMOS 1794 | 17138 | USSR | 21 NOV | 115.6 | 74.0 | 1497 | 1464 | | |
| 1986 092B | COSMOS 1795 | 17139 | USSR | 21 NOV | 115.4 | 74.0 | 1480 | 1464 | | |
| 1986 092C | COSMOS 1796 | 17140 | USSR | 21 NOV | 115.2 | 74.0 | 1476 | 1452 | | |
| 1986 092D | COSMOS 1797 | 17141 | USSR | 21 NOV | 115.0 | 74.0 | 1471 | 1441 | | |
| 1986 092E | COSMOS 1798 | 17142 | USSR | 21 NOV | 114.9 | 74.0 | 1471 | 1425 | | |
| 1986 092F | COSMOS 1799 | 17143 | USSR | 21 NOV | 114.7 | 74.0 | 1470 | 1411 | | |
| 1986 092G | COSMOS 1800 | 17144 | USSR | 21 NOV | 114.5 | 74.0 | 1471 | 1396 | | |
| 1986 092H | COSMOS 1801 | 17145 | USSR | 21 NOV | 114.4 | 74.0 | 1469 | 1383 | | |
| 1986 092J | | 17146 | USSR | 21 NOV | 117.6 | 74.0 | 1673 | 1474 | | |
| 1986 093A | COSMOS 1802 | 17159 | USSR | 24 NOV | 104.9 | 82.9 | 1020 | 959 | | |
| 1986 093B | | 17160 | USSR | 24 NOV | 104.8 | 82.9 | 1012 | 955 | | |
| 1986 094A | COSMOS 1803 | 17177 | USSR | 2 DEC | 115.9 | 82.6 | 1501 | 1494 | | |
| 1986 094B | | 17178 | USSR | 2 DEC | 115.9 | 82.6 | 1498 | 1492 | | |
| 1986 094C | | 20284 | USSR | 2 DEC | 117.4 | 83.2 | 1741 | 1383 | | |
| 1986 096A | | 17181 | US | 5 DEC | 1436.1 | 1.4 | 35875 | 35699 | | |
| 1986 097A | COSMOS 1805 | 17191 | USSR | 10 DEC | 97.2 | 82.5 | 636 | 610 | | |
| 1986 097B | | 17192 | USSR | 10 DEC | 97.4 | 82.5 | 649 | 622 | | |
| 1986 098A | COSMOS 1806 | 17213 | USSR | 12 DEC | 718.6 | 63.0 | 37713 | 2682 | | |
| 1986 098D | | 17216 | USSR | 12 DEC | 705.9 | 63.5 | 37157 | 2607 | | |
| 1986 100A | COSMOS 1808 | 17239 | USSR | 17 DEC | 105.0 | 82.9 | 1015 | 969 | | |
| 1986 100B | | 17240 | USSR | 17 DEC | 104.9 | 82.9 | 1008 | 964 | | |
| 1986 100C | | 18545 | USSR | 17 DEC | 104.4 | 82.9 | 983 | 944 | | |
| 1986 101A | COSMOS 1809 | 17241 | USSR | 18 DEC | 104.1 | 82.5 | 961 | 939 | | |
| 1986 101B | | 17242 | USSR | 18 DEC | 104.1 | 82.5 | 960 | 940 | | |
| 1986 101C | | 17268 | USSR | 18 DEC | 103.8 | 82.6 | 958 | 913 | | |
| 1986 101D | | 17269 | USSR | 18 DEC | 104.2 | 82.6 | 969 | 946 | | |
| 1986 101E | | 17270 | USSR | 18 DEC | 104.0 | 82.4 | 954 | 944 | | |
| 1986 101F | | 17271 | USSR | 18 DEC | 103.5 | 82.4 | 947 | 903 | | |
| 1986 101G | | 17272 | USSR | 18 DEC | 103.4 | 82.5 | 930 | 912 | | |
| 1986 101H | | 17273 | USSR | 18 DEC | 103.4 | 82.5 | 927 | 909 | | |
| 1986 101J | | 17274 | USSR | 18 DEC | 104.2 | 82.5 | 982 | 934 | | |
| 1986 101K | | 17844 | USSR | 18 DEC | 103.4 | 82.5 | 933 | 907 | | |
| 1986 101L | | 18680 | USSR | 18 DEC | 103.5 | 82.5 | 932 | 912 | | |
| 1986 103A | MOLNIYA 1-70 | 17264 | USSR | 26 DEC | 717.8 | 63.3 | 39221 | 1132 | | |
| 1986 103D | | 17267 | USSR | 26 DEC | 698.8 | 63.4 | 38419 | 994 | | |
| 1987 LAUNCHES | | | | | | | | | | |
| 1987 001A | METEOR 2-15 | 17290 | USSR | 5 JAN | 104.0 | 82.5 | 955 | 938 | | |
| 1987 001B | | 17291 | USSR | 5 JAN | 104.0 | 82.5 | 953 | 939 | | |
| 1987 003A | COSMOS 1812 | 17295 | USSR | 14 JAN | 97.2 | 82.5 | 638 | 612 | | |
| 1987 003B | | 17296 | USSR | 14 JAN | 97.5 | 82.5 | 651 | 622 | | |
| 1987 004C - 004HC | | | USSR | 15 JAN | SEE NOTE | | 48* | | | 48* |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1987 LAUNCHES (CONT.) | | | | | | | | | | |
| 1987 006A | COSMOS 1814 | 17303 | USSR | 21 JAN | 100.5 | 74.1 | 801 | 765 | | |
| 1987 006B | | 17304 | USSR | 21 JAN | 100.4 | 74.1 | 796 | 760 | | |
| 1987 006C | | 18257 | USSR | 21 JAN | 100.4 | 74.0 | 781 | 769 | | |
| 1987 008A | MOLNIYA 3-31 | 17328 | USSR | 22 JAN | 717.8 | 63.2 | 38453 | 1901 | | |
| 1987 008D | | 17333 | USSR | 22 JAN | 730.7 | 63.2 | 38898 | 2093 | | |
| 1987 009A | COSMOS 1816 | 17359 | USSR | 29 JAN | 104.8 | 82.9 | 1009 | 958 | | |
| 1987 009B | | 17360 | USSR | 29 JAN | 104.6 | 82.9 | 1006 | 947 | | |
| 1987 011A | COSMOS 1818 | 17369 | USSR | 1 FEB | 100.7 | 65.0 | 806 | 773 | | |
| 1987 012A | ASTRO C | 17480 | JAPAN | 5 FEB | 93.8 | 31.1 | 495 | 420 | | |
| 1987 012B | | 17481 | JAPAN | 5 FEB | 95.5 | 31.1 | 606 | 478 | | |
| 1987 012K | | 18927 | JAPAN | 5 FEB | 94.9 | 30.8 | 563 | 465 | | |
| 1987 015A | | 17506 | US | 12 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 015B | | 17507 | US | 12 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 017A | COSMOS 1821 | 17525 | USSR | 18 FEB | 104.8 | 82.9 | 1014 | 957 | | |
| 1987 017B | | 17526 | USSR | 18 FEB | 104.6 | 82.9 | 1008 | 946 | | |
| 1987 018A | MOS-1 | 17527 | JAPAN | 19 FEB | 103.2 | 99.1 | 908 | 908 | | |
| 1987 018B | | 17528 | JAPAN | 19 FEB | 99.9 | 97.5 | 878 | 628 | | |
| 1987 020A | COSMOS 1823 | 17535 | USSR | 20 FEB | 116.0 | 73.6 | 1521 | 1477 | | |
| 1987 020B | | 17536 | USSR | 20 FEB | 115.9 | 73.6 | 1519 | 1476 | | |
| 1987 020B - 020DJ | | | USSR | 20 FEB | SEE NOTE | | 49* | | | 49* |
| 1987 022A | GOES 7 | 17561 | US | 26 FEB | 1436.0 | 0.0 | 35811 | 35762 | | |
| 1987 022B | | 17562 | US | 26 FEB | 98.8 | 21.7 | 1176 | 225 | | |
| 1987 022C | | 17563 | US | 26 FEB | 655.5 | 17.1 | 36976 | 262 | | |
| 1987 024A | COSMOS 1825 | 17566 | USSR | 3 MAR | 97.2 | 82.5 | 638 | 606 | | |
| 1987 024B | | 17567 | USSR | 3 MAR | 97.4 | 82.5 | 652 | 619 | | |
| 1987 026A | COSMOS 1827 | 17582 | USSR | 13 MAR | 113.8 | 82.6 | 1407 | 1394 | | |
| 1987 026B | COSMOS 1828 | 17583 | USSR | 13 MAR | 113.7 | 82.6 | 1407 | 1383 | | |
| 1987 026C | COSMOS 1829 | 17584 | USSR | 13 MAR | 114.0 | 82.6 | 1413 | 1407 | | |
| 1987 026D | COSMOS 1830 | 17585 | USSR | 13 MAR | 113.9 | 82.5 | 1408 | 1406 | | |
| 1987 026E | COSMOS 1831 | 17586 | USSR | 13 MAR | 113.8 | 82.6 | 1407 | 1390 | | |
| 1987 026F | COSMOS 1832 | 17587 | USSR | 13 MAR | 113.9 | 82.6 | 1408 | 1399 | | |
| 1987 026G | | 17588 | USSR | 13 MAR | 114.6 | 82.6 | 1468 | 1408 | | |
| 1987 027A | COSMOS 1833 | 17589 | USSR | 18 MAR | 101.9 | 71.0 | 851 | 845 | | |
| 1987 027B | | 17590 | USSR | 18 MAR | 101.7 | 71.0 | 841 | 836 | | |
| 1987 027C | | 18416 | USSR | 18 MAR | 104.7 | 71.0 | 1122 | 841 | | |
| 1987 027D | | 18417 | USSR | 18 MAR | 105.0 | 71.0 | 1145 | 839 | | |
| 1987 027E | | 18527 | USSR | 18 MAR | 104.9 | 71.0 | 1137 | 839 | | |
| 1987 027F | | 18550 | USSR | 18 MAR | 104.6 | 71.0 | 1114 | 838 | | |
| 1987 028A | RADUGA 20 | 17611 | USSR | 19 MAR | 1436.2 | 2.9 | 35800 | 35776 | | |
| 1987 028D | | 17705 | USSR | 19 MAR | 1442.0 | 2.8 | 36014 | 35788 | | |
| 1987 028E | | 17709 | USSR | 19 MAR | 635.6 | 47.4 | 35901 | 318 | | |
| 1987 029A | PALAPA B-2P | 17706 | INDNSA | 20 MAR | 1436.1 | 0.0 | 35793 | 35780 | | |
| 1987 030A | KVANT 1 | 17845 | USSR | 31 MAR | 92.0 | 51.6 | 379 | 361 | | |
| 1987 036A | COSMOS 1838 | 17902 | USSR | 24 APR | 137.3 | 64.7 | 4752 | 124 | | |
| 1987 036B | COSMOS 1839 | 17903 | USSR | 24 APR | 127.4 | 64.6 | 3887 | 126 | | |
| 1987 036C | COSMOS 1840 | 17904 | USSR | 24 APR | 167.4 | 64.6 | 7234 | 130 | | |
| 1987 036G | | 17910 | USSR | 24 APR | 98.0 | 64.4 | 1216 | 111 | | |
| 1987 036H | | 17913 | USSR | 24 APR | 176.2 | 64.7 | 7858 | 210 | | |
| 1987 038A | COSMOS 1842 | 17911 | USSR | 27 APR | 97.3 | 82.5 | 642 | 614 | | |
| 1987 038B | | 17912 | USSR | 27 APR | 97.5 | 82.5 | 652 | 623 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1987 LAUNCHES (CONT.) | | | | | | | | | | |
| 1987 040A | GORIZONT 14 | 17969 | USSR | 11 MAY | 1436.1 | 4.5 | 35795 | 35777 | | |
| 1987 040D | | 17972 | USSR | 11 MAY | 1397.9 | 4.4 | 35095 | 34974 | | |
| 1987 040E | | 18111 | USSR | 11 MAY | 537.1 | 46.9 | 30892 | 128 | | |
| 1987 040F | | 18112 | USSR | 11 MAY | 597.7 | 47.0 | 34107 | 144 | | |
| 1987 041A | COSMOS 1844 | 17973 | USSR | 13 MAY | 101.9 | 70.9 | 852 | 845 | | |
| 1987 041B | | 17974 | USSR | 13 MAY | 101.7 | 71.0 | 848 | 826 | | |
| 1987 041C | | 18410 | USSR | 13 MAY | 105.0 | 71.0 | 1148 | 839 | | |
| 1987 041D | | 18411 | USSR | 13 MAY | 104.8 | 71.0 | 1129 | 841 | | |
| 1987 041E | | 18412 | USSR | 13 MAY | 104.8 | 71.0 | 1133 | 837 | | |
| 1987 041F | | 18476 | USSR | 13 MAY | 105.1 | 71.0 | 1155 | 839 | | |
| 1987 041G | | 18687 | USSR | 13 MAY | 99.6 | 71.0 | 742 | 735 | | |
| 1987 043A | | 17997 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043B | | 17998 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043C | | 18007 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043D | | 18008 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043E | | 18009 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043F | | 18010 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043G | | 18024 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 043H | | 18025 | US | 15 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 048A | COSMOS 1849 | 18083 | USSR | 4 JUN | 718.4 | 66.7 | 38587 | 1795 | | |
| 1987 048D | | 18086 | USSR | 4 JUN | 706.2 | 67.0 | 38017 | 1764 | | |
| 1987 049A | COSMOS 1850 | 18095 | USSR | 9 JUN | 100.6 | 74.0 | 800 | 777 | | |
| 1987 049B | | 18096 | USSR | 9 JUN | 100.5 | 74.0 | 794 | 770 | | |
| 1987 050A | COSMOS 1851 | 18103 | USSR | 12 JUN | 717.2 | 63.2 | 38232 | 2092 | | |
| 1987 050D | | 18106 | USSR | 12 JUN | 707.4 | 63.3 | 37704 | 2134 | | |
| 1987 051A | COSMOS 1852 | 18113 | USSR | 16 JUN | 115.6 | 74.0 | 1497 | 1471 | | |
| 1987 051B | COSMOS 1853 | 18114 | USSR | 16 JUN | 115.4 | 74.0 | 1480 | 1470 | | |
| 1987 051C | COSMOS 1854 | 18115 | USSR | 16 JUN | 115.3 | 74.0 | 1479 | 1456 | | |
| 1987 051D | COSMOS 1855 | 18116 | USSR | 16 JUN | 115.1 | 74.0 | 1475 | 1444 | | |
| 1987 051E | COSMOS 1856 | 18117 | USSR | 16 JUN | 114.9 | 74.0 | 1475 | 1429 | | |
| 1987 051F | COSMOS 1857 | 18118 | USSR | 16 JUN | 114.8 | 74.0 | 1475 | 1415 | | |
| 1987 051G | COSMOS 1858 | 18119 | USSR | 16 JUN | 114.6 | 74.0 | 1476 | 1399 | | |
| 1987 051H | COSMOS 1859 | 18120 | USSR | 16 JUN | 114.4 | 74.0 | 1474 | 1385 | | |
| 1987 051J | | 18121 | USSR | 16 JUN | 117.8 | 74.0 | 1685 | 1475 | | |
| 1987 052A | COSMOS 1860 | 18122 | USSR | 18 JUN | 104.0 | 65.0 | 982 | 911 | | |
| 1987 052D | | 18241 | USSR | 18 JUL | 103.7 | 65.0 | 951 | 911 | | |
| 1987 053A | | 18123 | US | 20 JUN | 101.7 | 98.8 | 851 | 831 | | |
| 1987 053B | | 18127 | US | 20 JUN | 100.6 | 98.8 | 796 | 780 | | |
| 1987 053C | | 18128 | US | 20 JUN | 100.0 | 98.8 | 762 | 755 | | |
| 1987 053D | | 18154 | US | 20 JUN | 100.0 | 98.8 | 762 | 750 | | |
| 1987 054A | COSMOS 1861 | 18129 | USSR | 23 JUN | 104.9 | 82.9 | 998 | 979 | | |
| 1987 054B | | 18130 | USSR | 23 JUN | 104.7 | 82.9 | 992 | 964 | | |
| 1987 054C | | 18131 | USSR | 23 JUN | 105.0 | 82.9 | 1020 | 970 | | |
| 1987 055A | COSMOS 1862 | 18152 | USSR | 1 JUL | 97.3 | 82.5 | 647 | 612 | | |
| 1987 057A | COSMOS 1864 | 18160 | USSR | 6 JUL | 104.7 | 82.9 | 1004 | 954 | | |
| 1987 057B | | 18161 | USSR | 6 JUL | 104.6 | 82.9 | 1001 | 950 | | |
| 1987 060A | COSMOS 1867 | 18187 | USSR | 10 JUL | 100.7 | 65.0 | 804 | 777 | | |
| 1987 062A | COSMOS 1869 | 18214 | USSR | 16 JUL | 97.3 | 82.5 | 644 | 613 | | |
| 1987 062B | | 18215 | USSR | 16 JUL | 97.5 | 82.5 | 653 | 622 | | |
| 1987 065C | | 19033 | USSR | 1 AUG | 115.5 | 102.0 | 1497 | 1458 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1987 LAUNCHES (CONT.) | | | | | | | | | | |
| 1987 068A | METEOR 2-16 | 18312 | USSR | 18 AUG | 104.0 | 82.6 | 956 | 938 | | |
| 1987 068B | | 18313 | USSR | 18 AUG | 104.0 | 82.6 | 955 | 939 | | |
| 1987 070A | ETS-V | 18316 | JAPAN | 27 AUG | 1436.1 | 0.0 | 35806 | 35766 | | |
| 1987 073A | EKRAN 16 | 18328 | USSR | 4 SEP | 1492.5 | 2.9 | 36908 | 36859 | | |
| 1987 073D | | 18331 | USSR | 4 SEP | 1420.4 | 2.8 | 35479 | 35476 | | |
| 1987 073E | | 18332 | USSR | 4 SEP | 470.4 | 46.5 | 27080 | 232 | | |
| 1987 074A | COSMOS 1875 | 18334 | USSR | 7 SEP | 113.7 | 82.6 | 1406 | 1384 | | |
| 1987 074B | COSMOS 1876 | 18335 | USSR | 7 SEP | 114.0 | 82.6 | 1413 | 1406 | | |
| 1987 074C | COSMOS 1877 | 18336 | USSR | 7 SEP | 113.9 | 82.6 | 1407 | 1406 | | |
| 1987 074D | COSMOS 1878 | 18337 | USSR | 7 SEP | 113.9 | 82.6 | 1407 | 1400 | | |
| 1987 074E | COSMOS 1879 | 18338 | USSR | 7 SEP | 113.8 | 82.6 | 1407 | 1394 | | |
| 1987 074F | COSMOS 1880 | 18339 | USSR | 7 SEP | 113.8 | 82.6 | 1406 | 1390 | | |
| 1987 074G | | 18340 | USSR | 7 SEP | 114.6 | 82.6 | 1470 | 1407 | | |
| 1987 078A | AUSSAT K3 | 18350 | AUSTRL | 16 SEP | 1436.1 | 0.0 | 35795 | 35778 | | |
| 1987 078B | ECS 4 | 18351 | ESA | 16 SEP | 1435.9 | 0.1 | 35991 | 35572 | | |
| 1987 078C | | 18352 | ESA | 16 SEP | 233.9 | 7.2 | 12251 | 145 | | |
| 1987 079A | COSMOS 1883 | 18355 | USSR | 16 SEP | 675.7 | 65.6 | 19153 | 19105 | | |
| 1987 079B | COSMOS 1884 | 18356 | USSR | 16 SEP | 675.7 | 65.7 | 19156 | 19102 | | |
| 1987 079C | COSMOS 1885 | 18357 | USSR | 16 SEP | 675.7 | 65.6 | 19155 | 19102 | | |
| 1987 079F | | 18360 | USSR | 16 SEP | 674.7 | 65.7 | 19139 | 19070 | | |
| 1987 079G | | 18374 | USSR | 15 SEP | 339.7 | 65.4 | 18869 | 625 | | |
| 1987 079H | | 18375 | USSR | 16 SEP | 339.6 | 65.3 | 18851 | 640 | | |
| 1987 080A | | 18361 | US | 16 SEP | 107.2 | 90.3 | 1179 | 1011 | | |
| 1987 080B | | 18362 | US | 16 SEP | 107.2 | 90.3 | 1181 | 1011 | | |
| 1987 080C | | 18363 | US | 16 SEP | 107.2 | 90.3 | 1180 | 1013 | | |
| 1987 080E | | 18365 | US | 16 SEP | 107.0 | 90.3 | 1168 | 1008 | | |
| 1987 080F | | 18530 | US | 16 SEP | 106.4 | 90.4 | 1121 | 994 | | |
| 1987 080G | | 18561 | US | 16 SEP | 107.0 | 90.4 | 1166 | 1012 | | |
| 1987 080H | | 18562 | US | 16 SEP | 107.8 | 90.2 | 1264 | 987 | | |
| 1987 084A | COSMOS 1889 | 18384 | USSR | 1 OCT | 1436.1 | 1.8 | 35823 | 35751 | | |
| 1987 084E | | 18388 | USSR | 1 OCT | 129.5 | 46.7 | 4108 | 89 | | |
| 1987 087A | COSMOS 1891 | 18402 | USSR | 14 OCT | 104.8 | 82.9 | 1023 | 950 | | |
| 1987 087B | | 18403 | USSR | 14 OCT | 104.7 | 82.9 | 1021 | 936 | | |
| 1987 088A | COSMOS 1892 | 18421 | USSR | 20 OCT | 97.2 | 82.5 | 639 | 608 | | |
| 1987 088B | | 18422 | USSR | 20 OCT | 97.5 | 82.5 | 654 | 621 | | |
| 1987 090A | | 18441 | US | 26 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 091A | COSMOS 1894 | 18443 | USSR | 28 OCT | 1436.3 | 1.9 | 35798 | 35781 | | |
| 1987 091D | | 18446 | USSR | 28 OCT | 1436.0 | 1.9 | 35870 | 35698 | | |
| 1987 091F | | 18448 | USSR | 28 OCT | 599.4 | 46.8 | 34204 | 135 | | |
| 1987 095A | TVSAT 1 | 18570 | FRG | 21 NOV | 1452.5 | 2.0 | 36173 | 36040 | | |
| 1987 096A | COSMOS 1897 | 18575 | USSR | 26 NOV | 1436.0 | 1.7 | 35793 | 35776 | | |
| 1987 096D | | 18578 | USSR | 26 NOV | 1432.0 | 1.6 | 35801 | 35610 | | |
| 1987 097A | | 18583 | US | 29 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 097B | | 18584 | US | 29 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1987 098A | COSMOS 1898 | 18585 | USSR | 1 DEC | 100.6 | 74.0 | 803 | 771 | | |
| 1987 098B | | 18586 | USSR | 1 DEC | 100.5 | 74.0 | 797 | 765 | | |
| 1987 098C | | 18697 | USSR | 1 DEC | 100.5 | 74.0 | 788 | 776 | | |
| 1987 098D | | 18698 | USSR | 1 DEC | 100.9 | 74.0 | 813 | 785 | | |
| 1987 100A | RADUGA 21 | 18631 | USSR | 10 DEC | 1436.2 | 1.7 | 35796 | 35781 | | |
| 1987 100D | | 18634 | USSR | 10 DEC | 1392.6 | 1.6 | 34998 | 34865 | | |

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| 1987 LAUNCHES (CONT.) | | | | | | | | | | |
| 1987 100E | | 18635 | USSR | 10 DEC | 122.4 | 46.7 | 3434 | 142 | | |
| 1987 101A | COSMOS 1900 | 18665 | USSR | 12 DEC | 99.2 | 66.1 | 743 | 700 | | |
| 1987 105A | COSMOS 1903 | 18701 | USSR | 21 DEC | 717.7 | 63.4 | 38982 | 1367 | | |
| 1987 105D | | 18704 | USSR | 21 DEC | 705.2 | 64.2 | 38274 | 1456 | | |
| 1987 106A | COSMOS 1904 | 18709 | USSR | 23 DEC | 104.8 | 82.9 | 1004 | 964 | | |
| 1987 106B | | 18710 | USSR | 23 DEC | 104.7 | 82.9 | 997 | 960 | | |
| 1987 109A | EKRAN 17 | 18715 | USSR | 27 DEC | 1436.3 | 1.4 | 35803 | 35777 | | |
| 1987 109D | | 18718 | USSR | 27 DEC | 1428.2 | 1.4 | 35889 | 35372 | | |
| 1987 109E | | 18719 | USSR | 27 DEC | 492.5 | 46.6 | 28354 | 204 | | |
| 1988 LAUNCHES | | | | | | | | | | |
| 1988 001A | COSMOS 1908 | 18748 | USSR | 6 JAN | 97.2 | 82.5 | 641 | 611 | | |
| 1988 001B | | 18749 | USSR | 6 JAN | 97.5 | 82.5 | 653 | 621 | | |
| 1988 002A | COSMOS 1909 | 18738 | USSR | 15 JAN | 114.0 | 82.6 | 1411 | 1408 | | |
| 1988 002B | COSMOS 1910 | 18739 | USSR | 15 JAN | 113.9 | 82.6 | 1408 | 1404 | | |
| 1988 002C | COSMOS 1911 | 18790 | USSR | 15 JAN | 113.9 | 82.6 | 1408 | 1397 | | |
| 1988 002D | COSMOS 1912 | 18791 | USSR | 15 JAN | 113.8 | 82.6 | 1408 | 1392 | | |
| 1988 002E | COSMOS 1913 | 18792 | USSR | 15 JAN | 113.7 | 82.6 | 1408 | 1387 | | |
| 1988 002F | COSMOS 1914 | 18793 | USSR | 15 JAN | 113.7 | 82.6 | 1408 | 1381 | | |
| 1988 002G | | 18794 | USSR | 15 JAN | 114.6 | 82.6 | 1468 | 1409 | | |
| 1988 005A | METEOR 2-17 | 18820 | USSR | 30 JAN | 104.0 | 82.5 | 957 | 933 | | |
| 1988 005B | | 18921 | USSR | 30 JAN | 103.9 | 82.5 | 955 | 933 | | |
| 1988 006A | | 18822 | US | 3 FEB | 101.2 | 98.6 | 820 | 812 | | |
| 1988 006B | | 18845 | US | 3 FEB | 99.5 | 98.7 | 736 | 728 | | |
| 1988 006C | | 18846 | US | 3 FEB | 99.1 | 98.7 | 720 | 713 | | |
| 1988 006D | | 18955 | US | 3 FEB | 99.5 | 98.7 | 738 | 729 | | |
| 1988 006F | | 18984 | US | 3 FEB | 100.0 | 98.7 | 762 | 753 | | |
| 1988 012A | CS-3A | 18877 | JAPAN | 19 FEB | 1436.1 | 0.0 | 35789 | 35784 | | |
| 1988 012C | | 18879 | JAPAN | 19 FEB | 526.7 | 27.0 | 29882 | 571 | | |
| 1988 012D | | 20760 | JAPAN | 19 FEB | 468.6 | 27.4 | 27022 | 191 | | |
| 1988 013A | COSMOS 1922 | 18881 | USSR | 26 FEB | 718.2 | 63.0 | 37917 | 2457 | | |
| 1988 013C | | 18883 | USSR | 26 FEB | 705.7 | 63.5 | 37379 | 2379 | | |
| 1988 014A | PRC 22 | 18922 | PRC | 7 MAR | 1436.2 | 0.1 | 35797 | 35780 | | |
| 1988 016A | COSMOS 1924 | 18937 | USSR | 11 MAR | 115.7 | 74.0 | 1512 | 1458 | | |
| 1988 016B | COSMOS 1925 | 18938 | USSR | 11 MAR | 115.5 | 74.0 | 1494 | 1457 | | |
| 1988 016C | COSMOS 1926 | 18939 | USSR | 11 MAR | 115.3 | 74.0 | 1477 | 1458 | | |
| 1988 016D | COSMOS 1927 | 18940 | USSR | 11 MAR | 115.1 | 74.0 | 1465 | 1453 | | |
| 1988 016E | COSMOS 1928 | 18941 | USSR | 11 MAR | 114.9 | 74.0 | 1460 | 1442 | | |
| 1988 016F | COSMOS 1929 | 18942 | USSR | 11 MAR | 114.7 | 74.0 | 1459 | 1427 | | |
| 1988 016G | COSMOS 1930 | 18943 | USSR | 11 MAR | 114.6 | 74.0 | 1458 | 1412 | | |
| 1988 016H | COSMOS 1931 | 18944 | USSR | 11 MAR | 114.4 | 74.0 | 1459 | 1395 | | |
| 1988 016J | | 18945 | USSR | 11 MAR | 117.6 | 74.0 | 1685 | 1462 | | |
| 1988 016K | | 19451 | USSR | 11 MAR | 117.5 | 74.0 | 1683 | 1457 | | |
| 1988 017A | MOLNIYA 1-71 | 18946 | USSR | 11 MAR | 717.7 | 63.2 | 38500 | 1852 | | |
| 1988 017D | | 18949 | USSR | 11 MAR | 695.6 | 63.2 | 37513 | 1741 | | |
| 1988 018A | SPACENET 3R | 18951 | US | 11 MAR | 1436.0 | 0.0 | 35790 | 35782 | | |
| 1988 018B | TELECOM 1C | 18952 | FRANCE | 11 MAR | 1436.1 | 0.1 | 35793 | 35781 | | |
| 1988 018C | | 18953 | ESA | 11 MAR | 570.3 | 7.0 | 32539 | 266 | | |
| 1988 019A | COSMOS 1932 | 18957 | USSR | 14 MAR | 104.4 | 65.0 | 1008 | 920 | | |

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| 1988 LAUNCHES (CONT.) | | | | | | | | | | |
| 1988 019D | | 19162 | USSR | 14 MAR | 104.0 | 65.0 | 977 | 921 | | |
| 1988 020A | COSMOS 1933 | 18958 | USSR | 15 MAR | 97.3 | 82.5 | 640 | 616 | | |
| 1988 020B | | 18959 | USSR | 15 MAR | 97.4 | 82.5 | 648 | 624 | | |
| 1988 021A | IRS-1A | 18960 | INDIA | 17 MAR | 103.1 | 98.9 | 913 | 893 | | |
| 1988 021B | | 18961 | USSR | 17 MAR | 102.8 | 98.9 | 930 | 850 | | |
| 1988 022A | MOLNIYA 1-72 | 18980 | USSR | 17 MAR | 717.7 | 64.7 | 39224 | 1124 | | |
| 1988 022D | | 18983 | USSR | 17 MAR | 731.7 | 64.9 | 39936 | 1102 | | |
| 1988 023A | COSMOS 1934 | 18985 | USSR | 22 MAR | 104.6 | 83.0 | 1007 | 945 | | |
| 1988 023B | | 18986 | USSR | 22 MAR | 104.5 | 83.0 | 994 | 946 | | |
| 1988 028A | GORIZONT 15 | 19017 | USSR | 31 MAR | 1436.1 | 1.4 | 35800 | 35774 | | |
| 1988 028D | | 19020 | USSR | 31 MAR | 1472.7 | 1.4 | 36601 | 36398 | | |
| 1988 028E | | 19036 | USSR | 31 MAR | 640.4 | 46.4 | 36344 | 122 | | |
| 1988 028F | | 19037 | USSR | 31 MAR | 621.6 | 46.4 | 35148 | 346 | | |
| 1988 029A | COSMOS 1937 | 19038 | USSR | 5 APR | 100.5 | 74.0 | 800 | 763 | | |
| 1988 029B | | 19039 | USSR | 5 APR | 100.4 | 74.0 | 799 | 755 | | |
| 1988 032A | COSMOS 1939 | 19045 | USSR | 20 APR | 96.8 | 97.8 | 625 | 588 | | |
| 1988 032B | | 19046 | USSR | 20 APR | 97.3 | 97.8 | 666 | 592 | | |
| 1988 033A | | 19070 | US | 26 APR | 108.5 | 90.3 | 1303 | 1012 | | |
| 1988 033B | | 19071 | US | 26 APR | 108.5 | 90.3 | 1301 | 1013 | | |
| 1988 033C | | 19072 | US | 26 APR | 108.5 | 90.3 | 1304 | 1013 | | |
| 1988 033D | | 19077 | US | 26 APR | 108.2 | 90.3 | 1280 | 1005 | | |
| 1988 033E | | 19078 | US | 26 APR | 107.6 | 90.6 | 1237 | 995 | | |
| 1988 033F | | 19140 | US | 26 APR | 108.1 | 90.3 | 1273 | 1004 | | |
| 1988 033G | | 19141 | US | 26 APR | 109.1 | 90.1 | 1379 | 993 | | |
| 1988 034A | COSMOS 1940 | 19073 | USSR | 26 APR | 1430.4 | 1.4 | 35778 | 35570 | | |
| 1988 034D | | 19076 | USSR | 26 APR | 1438.9 | 1.4 | 35964 | 35716 | | |
| 1988 034E | | 19082 | USSR | 26 APR | 639.3 | 48.6 | 36022 | 387 | | |
| 1988 034F | | 19083 | USSR | 26 APR | 649.6 | 47.3 | 36714 | 223 | | |
| 1988 036A | EKRAN 18 | 19090 | USSR | 6 MAY | 1513.5 | 2.2 | 37358 | 37217 | | |
| 1988 036E | | 19094 | USSR | 6 MAY | 1424.1 | 2.2 | 35649 | 35453 | | |
| 1988 039A | COSMOS 1943 | 19119 | USSR | 15 MAY | 101.8 | 71.0 | 855 | 837 | | |
| 1988 039B | | 19120 | USSR | 15 MAY | 101.5 | 71.0 | 847 | 816 | | |
| 1988 039C | | 19125 | USSR | 15 MAY | 104.6 | 71.0 | 1110 | 840 | | |
| 1988 039D | | 19126 | USSR | 15 MAY | 104.7 | 71.0 | 1119 | 841 | | |
| 1988 039E | | 19127 | USSR | 15 MAY | 105.1 | 71.0 | 1155 | 842 | | |
| 1988 039F | | 19128 | USSR | 15 MAY | 105.1 | 71.0 | 1151 | 844 | | |
| 1988 040A | INTELSAT 5A F-13 | 19121 | ITSO | 17 MAY | 1436.0 | 0.0 | 35803 | 35770 | | |
| 1988 040B | | 19122 | ESA | 17 MAY | 635.0 | 7.9 | 35706 | 482 | | |
| 1988 043A | COSMOS 1946 | 19163 | USSR | 21 MAY | 675.7 | 64.9 | 19147 | 19111 | | |
| 1988 043B | COSMOS 1947 | 19164 | USSR | 21 MAY | 675.7 | 64.9 | 19140 | 19117 | | |
| 1988 043C | COSMOS 1948 | 19165 | USSR | 21 MAY | 675.7 | 64.9 | 19144 | 19114 | | |
| 1988 043F | | 19168 | USSR | 21 MAY | 674.5 | 64.9 | 19116 | 19079 | | |
| 1988 043G | | 19169 | USSR | 21 MAY | 339.8 | 65.4 | 18766 | 740 | | |
| 1988 043H | | 19170 | USSR | 21 MAY | 339.9 | 65.3 | 18768 | 742 | | |
| 1988 044A | MOLNIYA 3-32 | 19139 | USSR | 26 MAY | 717.7 | 64.5 | 39185 | 1164 | | |
| 1988 044B | | 19190 | USSR | 26 MAY | 732.9 | 64.7 | 39964 | 1134 | | |
| 1988 046A | COSMOS 1950 | 19195 | USSR | 30 MAY | 116.0 | 73.6 | 1520 | 1482 | | |
| 1988 046B | | 19196 | USSR | 30 MAY | 116.0 | 73.6 | 1515 | 1481 | | |
| 1988 050A | COSMOS 1953 | 19210 | USSR | 14 JUN | 97.3 | 82.5 | 648 | 614 | | |
| 1988 050B | | 19211 | USSR | 14 JUN | 97.5 | 82.5 | 654 | 620 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1988 LAUNCHES (CONT.) | | | | | | | | | | |
| 1988 051A | METEOSAT | 19215 | ESA | 15 JUN | 1436.2 | 0.3 | 35794 | 35781 | | |
| 1988 051B | OSCAR 13 | 19216 | US | 15 JUN | 586.7 | 56.8 | 37815 | 994 | | |
| 1988 051C | PAS-1 | 19217 | US | 15 JUN | 1436.2 | 0.0 | 35800 | 35777 | | |
| 1988 051D | | 19218 | ESA | 15 JUN | 431.8 | 10.1 | 24896 | 192 | | |
| 1988 051E | | 19219 | ESA | 15 JUN | 611.7 | 9.7 | 34723 | 259 | | |
| 1988 051F | | 19220 | ESA | 15 JUN | 501.7 | 10.1 | 28781 | 292 | | |
| 1988 051G | | 19857 | ESA | 15 JUN | 633.0 | 6.8 | 35342 | 742 | | |
| 1988 051H | | 19951 | ESA | 15 JUN | 632.1 | 8.0 | 35201 | 840 | | |
| 1988 052A | | 19223 | US | 16 JUN | 108.9 | 90.0 | 1198 | 1150 | | |
| 1988 053A | COSMOS 1954 | 19256 | USSR | 21 JUN | 100.6 | 74.1 | 798 | 774 | | |
| 1988 053B | | 19257 | USSR | 21 JUN | 100.5 | 74.1 | 796 | 764 | | |
| 1988 053C | | 19260 | USSR | 21 JUN | 100.6 | 74.1 | 792 | 779 | | |
| 1988 053D | | 19261 | USSR | 21 JUN | 100.6 | 74.1 | 799 | 774 | | |
| 1988 056A | OKEAN 1 | 19274 | USSR | 5 JUL | 97.3 | 82.5 | 644 | 616 | | |
| 1988 056B | | 19275 | USSR | 5 JUL | 97.5 | 82.5 | 653 | 624 | | |
| 1988 058A | PHOBOS 1 | 19281 | USSR | 7 JUL | TRANS-MARS TRAJECTORY | | | | | |
| 1988 058B | | 19282 | USSR | 7 JUL | HELIOCENTRIC ORBIT | | | | | |
| 1988 059A | PHOBOS 2 | 19287 | USSR | 12 JUL | TRANS-MARS TRAJECTORY | | | | | |
| 1988 059B | | 19288 | USSR | 12 JUL | HELIOCENTRIC ORBIT | | | | | |
| 1988 062A | COSMOS 1959 | 19324 | USSR | 18 JUL | 104.7 | 82.9 | 1004 | 951 | | |
| 1988 062B | | 19325 | USSR | 18 JUL | 104.6 | 82.9 | 996 | 950 | | |
| 1988 063A | INSAT 1C | 19330 | INDIA | 21 JUL | 1435.9 | 1.3 | 35826 | 35738 | | |
| 1988 063B | ECS 5 | 19331 | ESA | 21 JUL | 1436.2 | 0.1 | 35789 | 35785 | | |
| 1988 063C | | 19332 | ESA | 21 JUL | 502.7 | 7.4 | 28900 | 226 | | |
| 1988 063E | | 20127 | ESA | 21 JUL | 632.7 | 7.8 | 35634 | 434 | | |
| 1988 063F | | 20488 | ESA | 21 JUL | 338.3 | 7.5 | 19152 | 259 | | |
| 1988 064A | METEOR 3-2 | 19336 | USSR | 26 JUL | 109.3 | 82.5 | 1206 | 1181 | | |
| 1988 064B | | 19337 | USSR | 26 JUL | 109.3 | 82.5 | 1205 | 1181 | | |
| 1988 065B - 065AF | | | USSR | 28 JUL | SEE NOTE | | 50* | | | 50* |
| 1988 066A | COSMOS 1961 | 19344 | USSR | 1 AUG | 1436.1 | 1.0 | 35808 | 35765 | | |
| 1988 066D | | 19347 | USSR | 1 AUG | 1459.6 | 1.1 | 36393 | 36097 | | |
| 1988 066E | | 19348 | USSR | 1 AUG | 462.6 | 46.8 | 26595 | 274 | | |
| 1988 069A | MOLNIYA 1-73 | 19377 | USSR | 12 AUG | 717.8 | 64.6 | 39742 | 611 | | |
| 1988 069D | | 19380 | USSR | 12 AUG | 730.8 | 64.9 | 40500 | 492 | | |
| 1988 071A | GORIZONT 16 | 19397 | USSR | 18 AUG | 1436.1 | 1.0 | 35798 | 35776 | | |
| 1988 071D | | 19400 | USSR | 18 AUG | 1432.3 | 1.0 | 35808 | 35615 | | |
| 1988 071E | | 19401 | USSR | 18 AUG | 500.1 | 46.7 | 34244 | 131 | | |
| 1988 071F | | 19402 | USSR | 18 AUG | 338.2 | 46.6 | 19245 | 160 | | |
| 1988 074A | | 19419 | US | 25 AUG | 107.3 | 89.9 | 1172 | 1034 | | |
| 1988 074B | | 19420 | US | 25 AUG | 107.3 | 89.9 | 1172 | 1033 | | |
| 1988 074C | | 19421 | US | 25 AUG | 107.4 | 89.9 | 1177 | 1031 | | |
| 1988 074D | | 19515 | US | 25 AUG | 107.2 | 89.9 | 1172 | 1024 | | |
| 1988 074E | | 19516 | US | 25 AUG | 107.2 | 89.9 | 1165 | 1026 | | |
| 1988 074F | | 19559 | US | 25 AUG | 107.2 | 89.4 | 1169 | 1028 | | |
| 1988 074G | | 19577 | US | 25 AUG | 107.3 | 90.5 | 1169 | 1030 | | |
| 1988 076A | COSMOS 1966 | 19445 | USSR | 30 AUG | 718.9 | 65.4 | 38840 | 1567 | | |
| 1988 076D | | 19448 | USSR | 30 AUG | 705.5 | 65.8 | 38245 | 1502 | | |
| 1988 077A | | 19458 | US | 2 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 077B | | 19459 | US | 2 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 077C | | 19490 | US | 2 SEP | ELEMENTS NOT AVAILABLE | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1988 LAUNCHES (CONT.) | | | | | | | | | | |
| 1988 078A | | 19460 | US | 5 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 078B | | 19461 | US | 5 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 080A | FENGYUN 1 | 19467 | PRC | 6 SEP | 102.7 | 99.2 | 938 | 833 | | |
| 1988 080B | | 19468 | PRC | 6 SEP | 102.7 | 99.3 | 895 | 875 | | |
| 1988 081A | GSTAR 3 | 19483 | US | 8 SEP | 1436.0 | 3.1 | 35796 | 35775 | | |
| 1988 081B | SBS 5 | 19484 | US | 8 SEP | 1436.0 | 0.0 | 35791 | 35780 | | |
| 1988 081C | | 19485 | ESA | 8 SEP | 499.0 | 7.2 | 28698 | 226 | | |
| 1988 085A | COSMOS 1970 | 19501 | USSR | 16 SEP | 675.7 | 65.4 | 19156 | 19102 | | |
| 1988 085B | COSMOS 1971 | 19502 | USSR | 16 SEP | 675.7 | 65.4 | 19161 | 19096 | | |
| 1988 085C | COSMOS 1972 | 19503 | USSR | 16 SEP | 675.7 | 65.5 | 19141 | 19117 | | |
| 1988 085E | | 19505 | USSR | 16 SEP | 674.9 | 65.4 | 19127 | 19089 | | |
| 1988 085F | | 19535 | USSR | 16 SEP | 339.3 | 65.1 | 18873 | 595 | | |
| 1988 085G | | 19537 | USSR | 16 SEP | 339.3 | 65.0 | 18876 | 594 | | |
| 1988 086A | CS-3B | 19508 | JAPAN | 16 SEP | 1436.1 | 0.0 | 35790 | 35785 | | |
| 1988 086C | | 19558 | JAPAN | 16 SEP | 629.3 | 27.9 | 35800 | 95 | | |
| 1988 089A | NOAA 11 | 19531 | US | 24 SEP | 101.9 | 99.0 | 860 | 843 | | |
| 1988 089B | | 19532 | US | 24 SEP | 100.2 | 98.9 | 773 | 758 | | |
| 1988 089C | | 19534 | US | 24 SEP | 99.4 | 98.9 | 735 | 719 | | |
| 1988 090A | MOLNIYA 3-33 | 19541 | USSR | 29 SEP | 717.6 | 64.7 | 39682 | 663 | | |
| 1988 090D | | 19544 | USSR | 29 SEP | 698.2 | 64.7 | 38688 | 694 | | |
| 1988 091B | TDRS 3 | 19548 | US | 29 SEP | 1436.3 | 0.8 | 35804 | 35777 | | 35* |
| 1988 091C | | 19549 | US | 29 SEP | 512.1 | 26.7 | 34656 | 347 | | |
| 1988 091D | | 19550 | US | 29 SEP | 1433.4 | 0.4 | 35804 | 35663 | | |
| 1988 092A | COSMOS 1974 | 19554 | USSR | 3 OCT | 717.9 | 62.6 | 38818 | 1543 | | |
| 1988 092D | | 19557 | USSR | 3 OCT | 705.4 | 63.2 | 38187 | 1557 | | |
| 1988 093A | COSMOS 1975 | 19573 | USSR | 11 OCT | 97.3 | 82.5 | 647 | 613 | | |
| 1988 093B | | 19574 | USSR | 11 OCT | 97.5 | 82.5 | 653 | 620 | | |
| 1988 093C | | 20471 | USSR | 11 OCT | 96.9 | 82.5 | 626 | 597 | | |
| 1988 095A | RADUGA 22 | 19596 | USSR | 20 OCT | 1436.0 | 0.8 | 35795 | 35774 | | |
| 1988 095E | | 19600 | USSR | 20 OCT | 602.6 | 46.6 | 34363 | 144 | | |
| 1988 095F | | 19601 | USSR | 20 OCT | 545.2 | 46.6 | 31321 | 138 | | |
| 1988 095F | | 19777 | USSR | 20 OCT | 1470.4 | 0.8 | 36519 | 36390 | | |
| 1988 096A | COSMOS 1977 | 19608 | USSR | 25 OCT | 718.0 | 62.8 | 38364 | 2003 | | |
| 1988 096D | | 19611 | USSR | 25 OCT | 704.9 | 63.1 | 37730 | 1985 | | |
| 1988 098A | TDF-1 | 19621 | FRANCE | 28 OCT | 1436.2 | 0.1 | 35805 | 35770 | | |
| 1988 098B | | 19622 | ESA | 28 OCT | 590.9 | 3.9 | 33615 | 282 | | |
| 1988 098C | | 20132 | ESA | 26 OCT | 463.0 | 3.9 | 26644 | 248 | | |
| 1988 099A | | 19625 | US | 6 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 099B | | 19626 | US | 6 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 102A | COSMOS 1980 | 19649 | USSR | 23 NOV | 101.9 | 71.0 | 850 | 845 | | |
| 1988 102B | | 19650 | USSR | 23 NOV | 101.8 | 71.0 | 852 | 830 | | |
| 1988 102C | | 19656 | USSR | 23 NOV | 105.2 | 71.0 | 1162 | 841 | | |
| 1988 102D | | 19657 | USSR | 23 NOV | 105.1 | 71.0 | 1161 | 839 | | |
| 1988 102E | | 19658 | USSR | 23 NOV | 104.9 | 71.0 | 1140 | 840 | | |
| 1988 102F | | 19659 | USSR | 23 NOV | 104.7 | 71.0 | 1124 | 840 | | |
| 1988 102H | | 19813 | USSR | 23 NOV | 105.1 | 71.0 | 1162 | 839 | | |
| 1988 102J | | 20301 | USSR | 23 NOV | 101.9 | 71.0 | 855 | 840 | | |
| 1988 106B | | 19671 | US | 2 DEC | ELEMENTS NOT AVAILABLE | | | | | |
| 1988 108A | EKRAN 19 | 19683 | USSR | 8 DEC | 1436.1 | 0.7 | 35796 | 35776 | | |
| 1988 108D | | 19686 | USSR | 8 DEC | 1418.5 | 0.6 | 35514 | 35369 | | |

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| 1988 LAUNCHES (CONT.) | | | | | | | | | | |
| 1988 108E | | 19691 | USSR | 8 DEC | 182.0 | 46.6 | 8376 | 145 | | |
| 1988 108F | | 19699 | USSR | 10 DEC | 572.2 | 46.7 | 32759 | 145 | | |
| 1988 109A | SKYNET 4B | 19687 | UK | 11 DEC | 1435.1 | 0.9 | 35852 | 35683 | | |
| 1988 109B | ASTRA 1A | 19688 | LUXBRG | 11 DEC | 1436.1 | 0.1 | 35800 | 35774 | | |
| 1988 109C | | 19689 | ESA | 11 DEC | 541.1 | 7.2 | 36070 | 431 | | |
| 1988 109D | | 19690 | ESA | 11 DEC | 418.8 | 6.8 | 24078 | 250 | | |
| 1988 111A | PRC 25 | 19710 | PRC | 22 DEC | 1436.3 | 0.1 | 35795 | 35785 | | |
| 1988 112A | MOLNIYA 3-34 | 19713 | USSR | 22 DEC | 717.9 | 62.9 | 39047 | 1311 | | |
| 1988 112D | | 19716 | USSR | 22 DEC | 696.1 | 62.9 | 38047 | 1232 | | |
| 1988 113A | COSMOS 1985 | 19720 | USSR | 23 DEC | 93.5 | 73.5 | 447 | 441 | | |
| 1988 113H | | 19764 | USSR | 23 DEC | 94.5 | 73.5 | 500 | 491 | | |
| 1988 115A | MOLNIYA 1-74 | 19730 | USSR | 28 DEC | 717.9 | 64.4 | 39968 | 390 | | |
| 1988 115D | | 19733 | USSR | 28 DEC | 695.9 | 64.3 | 38848 | 419 | | |
| 1989 LAUNCHES | | | | | | | | | | |
| 1989 001A | COSMOS 1987 | 19749 | USSR | 10 JAN | 675.7 | 64.9 | 19148 | 19110 | | |
| 1989 001B | COSMOS 1988 | 19750 | USSR | 10 JAN | 675.7 | 64.9 | 19148 | 19110 | | |
| 1989 001C | COSMOS 1989 | 19751 | USSR | 10 JAN | 675.5 | 64.9 | 19150 | 19099 | | |
| 1989 001E | | 19753 | USSR | 10 JAN | 675.5 | 64.9 | 19154 | 19095 | | |
| 1989 001F | | 19754 | USSR | 10 JAN | 674.7 | 64.9 | 19142 | 19065 | | |
| 1989 001G | | 19755 | USSR | 10 JAN | 339.6 | 65.2 | 18865 | 629 | | |
| 1989 001H | | 19856 | USSR | 10 JAN | 339.6 | 65.3 | 18860 | 632 | | |
| 1989 004A | GORIZONT 17 | 19765 | USSR | 26 JAN | 1436.0 | 0.6 | 35795 | 35774 | | |
| 1989 004D | | 19768 | USSR | 26 JAN | 635.8 | 46.3 | 36005 | 225 | | |
| 1989 004E | | 19771 | USSR | 26 JAN | 384.4 | 46.9 | 22051 | 217 | | |
| 1989 004F | | 19776 | USSR | 26 JAN | 1469.5 | 0.6 | 36545 | 36330 | | |
| 1989 005A | COSMOS 1992 | 19769 | USSR | 26 JAN | 100.5 | 74.1 | 800 | 767 | | |
| 1989 005B | | 19770 | USSR | 26 JAN | 100.4 | 74.0 | 779 | 771 | | |
| 1989 005C | | 19831 | USSR | 26 JAN | 100.5 | 74.1 | 797 | 768 | | |
| 1989 005D | | 19945 | USSR | 26 JAN | 100.8 | 74.0 | 819 | 771 | | |
| 1989 006A | INTELSAT 5A F-15 | 19772 | ITSO | 27 JAN | 1436.1 | 0.0 | 35802 | 35774 | | |
| 1989 006B | | 19773 | ESA | 27 JAN | 637.6 | 8.6 | 35805 | 518 | | |
| 1989 009A | COSMOS 1994 | 19785 | USSR | 10 FEB | 113.9 | 82.6 | 1414 | 1392 | | |
| 1989 009B | COSMOS 1995 | 19786 | USSR | 10 FEB | 114.1 | 82.6 | 1415 | 1410 | | |
| 1989 009C | COSMOS 1996 | 19787 | USSR | 10 FEB | 114.0 | 82.6 | 1414 | 1404 | | |
| 1989 009D | COSMOS 1997 | 19788 | USSR | 10 FEB | 113.9 | 82.6 | 1414 | 1397 | | |
| 1989 009E | COSMOS 1998 | 19789 | USSR | 10 FEB | 113.8 | 82.6 | 1414 | 1387 | | |
| 1989 009F | COSMOS 1999 | 19790 | USSR | 10 FEB | 113.7 | 82.6 | 1414 | 1381 | | |
| 1989 009G | | 19791 | USSR | 10 FEB | 114.7 | 82.6 | 1468 | 1414 | | |
| 1989 011A | COSMOS 2001 | 19796 | USSR | 14 FEB | 717.9 | 64.1 | 38707 | 1652 | | |
| 1989 011D | | 19799 | USSR | 14 FEB | 705.7 | 64.5 | 38167 | 1589 | | |
| 1989 013A | | 19802 | US | 14 FEB | 718.0 | 55.0 | 20317 | 20047 | | |
| 1989 014A | MOLNIYA 1-75 | 19807 | USSR | 15 FEB | 720.8 | 63.3 | 39062 | 1438 | | |
| 1989 014D | | 19810 | USSR | 15 FEB | 694.4 | 63.3 | 37810 | 1385 | | |
| 1989 016A | EXOS-D | 19822 | JAPAN | 21 FEB | 198.2 | 75.1 | 9497 | 265 | | |
| 1989 016C | | 19824 | JAPAN | 21 FEB | 189.7 | 75.1 | 8852 | 264 | | |
| 1989 016K | | 19952 | JAPAN | 21 FEB | 143.9 | 75.0 | 5169 | 265 | | |
| 1989 016L | | 19962 | JAPAN | 21 FEB | 171.0 | 75.7 | 7389 | 263 | | |
| 1989 016M | | 19963 | JAPAN | 21 FEB | 183.8 | 75.2 | 8391 | 265 | | |

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| 1989 LAUNCHES (CONT.) | | | | | | | | | | |
| 1989 016P | | 20034 | JAPAN | 21 FEB | 125.0 | 74.9 | 3559 | 243 | | |
| 1989 017A | COSMOS 2004 | 19826 | USSR | 22 FEB | 105.0 | 83.0 | 1013 | 970 | | |
| 1989 018A | METEOR 2-18 | 19851 | USSR | 28 FEB | 104.0 | 82.5 | 955 | 937 | | |
| 1989 018B | | 19852 | USSR | 28 FEB | 104.0 | 82.5 | 959 | 936 | | |
| 1989 020A | JCSAT-1 | 19874 | JAPAN | 6 MAR | 1436.2 | 0.0 | 35794 | 35781 | | |
| 1989 020B | MOP-1 | 19876 | ESA | 6 MAR | 1436.1 | 0.3 | 35793 | 35780 | | |
| 1989 020C | | 19877 | ESA | 6 MAR | 377.8 | 6.5 | 21660 | 204 | | |
| 1989 020D | | 19878 | ESA | 6 MAR | 375.3 | 6.6 | 21472 | 240 | | |
| 1989 020E | | 20800 | UK | 6 MAR | 1433.8 | 0.7 | 36257 | 35224 | | |
| 1989 021B | TDRS-D | 19883 | US | 13 MAR | 1435.9 | 0.8 | 35794 | 35774 | | |
| 1989 021C | | 19884 | US | 13 MAR | 582.2 | 26.7 | 33180 | 257 | | |
| 1989 021D | | 19913 | US | 13 MAR | 1431.4 | 3.8 | 35817 | 35570 | | |
| 1989 025A | COSMOS 2008 | 19902 | USSR | 24 MAR | 114.5 | 74.0 | 1469 | 1391 | | |
| 1989 025B | COSMOS 2009 | 19903 | USSR | 24 MAR | 114.6 | 74.0 | 1470 | 1406 | | |
| 1989 025C | COSMOS 2010 | 19904 | USSR | 24 MAR | 114.8 | 74.0 | 1469 | 1422 | | |
| 1989 025D | COSMOS 2011 | 19905 | USSR | 24 MAR | 115.0 | 74.0 | 1469 | 1437 | | |
| 1989 025E | COSMOS 2012 | 19906 | USSR | 24 MAR | 115.1 | 74.0 | 1469 | 1454 | | |
| 1989 025F | COSMOS 2013 | 19907 | USSR | 24 MAR | 115.3 | 74.0 | 1478 | 1463 | | |
| 1989 025G | COSMOS 2014 | 19908 | USSR | 24 MAR | 115.5 | 74.0 | 1488 | 1468 | | |
| 1989 025H | COSMOS 2015 | 19909 | USSR | 24 MAR | 115.7 | 74.0 | 1508 | 1467 | | |
| 1989 025J | | 19910 | USSR | 24 MAR | 117.7 | 74.0 | 1683 | 1471 | | |
| 1989 026A | | 19911 | US | 24 MAR | 93.5 | 47.7 | 446 | 442 | | |
| 1989 027A | TELE-X | 19919 | SWEDEN | 2 APR | 1436.0 | 0.1 | 36408 | 35161 | | |
| 1989 028A | COSMOS 2016 | 19921 | USSR | 4 APR | 104.7 | 83.0 | 1012 | 951 | | |
| 1989 028B | | 19922 | USSR | 4 APR | 104.6 | 83.0 | 1002 | 948 | | |
| 1989 030A | RADUGA 23 | 19928 | USSR | 14 APR | 1436.2 | 0.4 | 35798 | 35780 | | |
| 1989 030D | | 19931 | USSR | 14 APR | 1470.5 | 0.4 | 36540 | 36376 | | |
| 1989 030F | | 19933 | USSR | 14 APR | 597.5 | 46.8 | 34087 | 154 | | |
| 1989 033B | MAGELLAN | 19969 | US | 4 MAY | TRANS-VENUS TRAJECTORY | | | | | |
| 1989 033C | | 19970 | US | 4 MAY | 436.4 | 28.0 | 25065 | 294 | | |
| 1989 033D | | 19971 | US | 4 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 035A | | 19976 | US | 10 MAY | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 035B | | 19977 | US | 10 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 035C | | 19983 | US | 10 MAY | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 039A | COSMOS 2022 | 20024 | USSR | 31 MAY | 675.7 | 65.2 | 19139 | 19119 | | |
| 1989 039B | COSMOS 2023 | 20025 | USSR | 31 MAY | 675.7 | 65.2 | 19165 | 19093 | | |
| 1989 039C | COSMOS 2024 | 20026 | USSR | 31 MAY | 675.4 | 65.2 | 19145 | 19096 | | |
| 1989 039E | | 20028 | USSR | 31 MAY | 674.5 | 65.2 | 19142 | 19056 | | |
| 1989 039F | | 20044 | USSR | 31 MAY | 675.4 | 65.2 | 19148 | 19093 | | |
| 1989 039G | | 20081 | USSR | 31 MAY | 339.5 | 64.9 | 18978 | 505 | | |
| 1989 039H | | 20082 | USSR | 31 MAY | 339.5 | 65.0 | 18973 | 512 | | |
| 1989 041A | SUPERBIRD A | 20040 | JAPAN | 5 JUN | 1443.8 | 0.2 | 35952 | 35920 | | |
| 1989 041B | | 20041 | FRG | 5 JUN | 1436.1 | 0.0 | 35846 | 35728 | | |
| 1989 041C | | 20042 | ESA | 5 JUN | 517.2 | 6.5 | 29699 | 232 | | |
| 1989 041D | | 20043 | ESA | 5 JUN | 246.2 | 6.8 | 13066 | 201 | | |
| 1989 042A | COSMOS 2026 | 20045 | USSR | 7 JUN | 104.7 | 82.9 | 1006 | 949 | | |
| 1989 042B | | 20046 | USSR | 7 JUN | 104.5 | 82.9 | 998 | 947 | | |
| 1989 043A | MOLNIYA 3-35 | 20052 | USSR | 8 JUN | 717.8 | 64.2 | 39923 | 431 | | |
| 1989 043D | | 20055 | USSR | 8 JUN | 733.6 | 64.3 | 40732 | 399 | | |
| 1989 044A | | 20061 | US | 10 JUN | 718.0 | 54.9 | 20420 | 19943 | | |

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| 1989 LAUNCHES (CONT.) | | | | | | | | | | |
| 1989 044C | | 20063 | US | 10 JUN | 115.4 | 37.3 | 2804 | 145 | | |
| 1989 045A | COSMOS 2027 | 20064 | USSR | 14 JUN | 93.1 | 65.8 | 442 | 411 | | |
| 1989 046A | | 20066 | US | 14 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 046B | | 20067 | US | 14 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 046C | | 20068 | US | 14 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 046D | | 20069 | US | 14 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 046E | | 20319 | US | 14 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 048A | RADUGA 1-1 | 20083 | USSR | 21 JUN | 1436.0 | 0.2 | 35791 | 35779 | | |
| 1989 048D | | 20086 | USSR | 21 JUN | 1471.1 | 0.2 | 36570 | 36367 | | |
| 1989 048F | | 20094 | USSR | 21 JUN | 482.5 | 47.0 | 27704 | 294 | | |
| 1989 050A | NADEZHDA | 20103 | USSR | 4 JUL | 104.8 | 83.0 | 1010 | 956 | | |
| 1989 050B | | 20104 | USSR | 4 JUL | 104.7 | 83.0 | 1001 | 955 | | |
| 1989 052A | GORIZONT 18 | 20107 | USSR | 5 JUL | 1436.3 | 0.2 | 35800 | 35780 | | |
| 1989 052D | | 20110 | USSR | 5 JUL | 1397.2 | 0.2 | 35153 | 34891 | | |
| 1989 052E | | 20115 | USSR | 5 JUL | 182.1 | 46.6 | 8386 | 138 | | |
| 1989 052F | | 20116 | USSR | 5 JUL | 540.8 | 47.2 | 30831 | 387 | | |
| 1989 053A | OLYMPUS | 20122 | ESA | 12 JUL | 1436.2 | 0.0 | 35806 | 35769 | | |
| 1989 053B | | 20123 | ESA | 12 JUL | 464.1 | 6.2 | 26752 | 206 | | |
| 1989 053C | | 20229 | ESA | 12 JUN | 640.0 | 6.0 | 35992 | 452 | | |
| 1989 059A | COSMOS 2034 | 20149 | USSR | 25 JUL | 104.8 | 82.9 | 1011 | 963 | | |
| 1989 059B | | 20150 | USSR | 25 JUL | 104.7 | 82.9 | 1002 | 957 | | |
| 1989 061B | | 20167 | US | 8 AUG | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 061C | | 20172 | US | 8 AUG | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 061D | | 20344 | US | 8 AUG | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 062A | TV-SAT 2 | 20168 | FRG | 8 AUG | 1436.1 | 0.0 | 35804 | 35770 | | |
| 1989 062B | HIPPARCOS | 20169 | ESA | 8 AUG | 639.2 | 6.7 | 35880 | 525 | | |
| 1989 062C | | 20170 | ESA | 8 AUG | 629.3 | 7.4 | 35520 | 376 | | |
| 1989 062D | | 20171 | ESA | 8 AUG | 242.1 | 7.3 | 12771 | 204 | | |
| 1989 064A | | 20185 | US | 18 AUG | 718.0 | 54.9 | 20238 | 20125 | | |
| 1989 067A | BSB-R1 | 20193 | UK | 27 AUG | 1436.2 | 0.0 | 35797 | 35780 | | |
| 1989 067C | | 20195 | US | 27 AUG | 644.7 | 23.3 | 36412 | 272 | | |
| 1989 068A | COSMOS 2037 | 20196 | USSR | 28 AUG | 116.0 | 73.6 | 1522 | 1482 | | |
| 1989 068B | | 20197 | USSR | 28 AUG | 116.0 | 73.6 | 1520 | 1482 | | |
| 1989 069A | | 20202 | US | 4 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 069B | | 20203 | US | 4 SEP | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 069D | | 20205 | US | 4 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 070A | GMS-4 | 20217 | JAPAN | 5 SEP | 1436.2 | 0.4 | 35793 | 35785 | | |
| 1989 070B | | 20230 | JAPAN | 5 SEP | 561.3 | 28.1 | 32148 | 173 | | |
| 1989 070C | | 20317 | JAPAN | 5 SEP | 1458.1 | 0.4 | 38624 | 33807 | | |
| 1989 072A | | 20220 | US | 6 SEP | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 074A | COSMOS 2038 | 20232 | USSR | 14 SEP | 113.8 | 82.6 | 1408 | 1389 | | |
| 1989 074B | COSMOS 2039 | 20233 | USSR | 14 SEP | 113.7 | 82.6 | 1408 | 1383 | | |
| 1989 074C | COSMOS 2040 | 20234 | USSR | 14 SEP | 114.0 | 82.6 | 1413 | 1408 | | |
| 1989 074D | COSMOS 2041 | 20235 | USSR | 14 SEP | 113.8 | 82.6 | 1408 | 1394 | | |
| 1989 074E | COSMOS 2042 | 20236 | USSR | 14 SEP | 113.9 | 82.6 | 1408 | 1399 | | |
| 1989 074F | COSMOS 2043 | 20237 | USSR | 14 SEP | 113.9 | 82.6 | 1408 | 1406 | | |
| 1989 074G | | 20238 | USSR | 14 SEP | 114.7 | 82.6 | 1472 | 1407 | | |
| 1989 077A | | 20253 | US | 25 SEP | 1436.4 | 3.9 | 35813 | 35770 | | |
| 1989 077B | | 20254 | US | 25 SEP | 145.6 | 28.0 | 5447 | 132 | | |
| 1989 078A | MOLNIYA 1-76 | 20255 | USSR | 27 SEP | 717.7 | 63.2 | 39603 | 745 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1989 LAUNCHES (CONT.) | | | | | | | | | | |
| 1989 078D | | 20258 | USSR | 27 SEP | 698.4 | 63.0 | 38665 | 727 | | |
| 1989 079A | COSMOS 2046 | 20259 | USSR | 27 SEP | 92.7 | 65.0 | 416 | 401 | | |
| 1989 080A | INTER-COSMOS 24 | 20261 | USSR | 28 SEP | 115.6 | 82.6 | 2470 | 497 | | |
| 1989 080B | | 20291 | USSR | 28 SEP | 115.6 | 82.6 | 2466 | 496 | | |
| 1989 080C | | 20252 | USSR | 28 SEP | 115.7 | 82.6 | 2478 | 498 | | |
| 1989 081A | GORIZANT 19 | 20263 | USSR | 28 SEP | 1436.0 | 0.2 | 35784 | 35783 | | |
| 1989 081D | | 20266 | USSR | 28 SEP | 1431.3 | 0.2 | 35813 | 35570 | | |
| 1989 081F | | 20271 | USSR | 28 SEP | 551.0 | 46.5 | 31649 | 120 | | |
| 1989 084B | GALILEO | 20298 | US | 18 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 084C | | 20299 | US | 18 OCT | CURRENT ELEMENTS NOT MAINTAINED | | | | | |
| 1989 084D | | 20300 | US | 18 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 085A | | 20302 | US | 21 OCT | 718.0 | 54.5 | 20269 | 20096 | | |
| 1989 085B | | 20303 | US | 21 OCT | 99.1 | 35.7 | 940 | 490 | | |
| 1989 085C | | 20304 | US | 21 OCT | 187.9 | 37.6 | 8821 | 154 | | |
| 1989 086A | METEOR 3-3 | 20305 | USSR | 24 OCT | 109.4 | 82.6 | 1209 | 1185 | | |
| 1989 086B | | 20306 | USSR | 24 OCT | 109.4 | 82.6 | 1209 | 1184 | | |
| 1989 087A | INTELSAT 6A | 20315 | ITSO | 27 OCT | 1436.2 | 0.0 | 35794 | 35782 | | |
| 1989 087B | | 20316 | ESA | 27 OCT | 612.1 | 7.8 | 34724 | 279 | | |
| 1989 089A | COBE | 20322 | US | 18 NOV | 102.6 | 99.0 | 889 | 876 | | |
| 1989 089B | | 20323 | US | 18 NOV | 99.8 | 97.1 | 808 | 693 | | |
| 1989 089C | | 20324 | US | 18 NOV | 102.5 | 99.0 | 885 | 866 | | |
| 1989 089D | | 20328 | US | 18 NOV | 102.7 | 99.0 | 890 | 882 | | |
| 1989 090B | | 20355 | US | 23 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 090C | | 20356 | US | 23 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 090D | | 20357 | US | 23 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1989 091A | COSMOS 2050 | 20330 | USSR | 23 NOV | 718.0 | 63.0 | 39467 | 898 | | |
| 1989 091D | | 20333 | USSR | 23 NOV | 705.2 | 63.2 | 38825 | 904 | | |
| 1989 093A | KVANT -2 | 20335 | USSR | 26 NOV | 92.0 | 51.6 | 379 | 361 | | |
| 1989 094A | MOLNIYA 3-36 | 20338 | USSR | 28 NOV | 717.8 | 63.2 | 39657 | 697 | | |
| 1989 094B | | 20339 | USSR | 28 NOV | 732.2 | 63.1 | 40357 | 706 | | |
| 1989 096A | GRANAT | 20352 | USSR | 1 DEC | 5893.4 | 77.5 | 189891 | 13507 | | |
| 1989 096C | | 20354 | USSR | 1 DEC | 5770.8 | 76.6 | 187299 | 13092 | | |
| 1989 096D | | 20358 | USSR | 1 DEC | 90.0 | 51.5 | 377 | 169 | | |
| 1989 097A | | 20361 | US | 11 DEC | 718.0 | 55.0 | 20349 | 20015 | | |
| 1989 097B | | 20362 | US | 11 DEC | 99.0 | 35.7 | 931 | 488 | | |
| 1989 098A | RADUGA 24 | 20367 | USSR | 15 DEC | 1436.3 | 0.3 | 35795 | 35786 | | |
| 1989 098D | | 20370 | USSR | 15 DEC | 1471.6 | 0.3 | 36564 | 36393 | | |
| 1989 098E | | 20371 | USSR | 15 DEC | 577.0 | 46.3 | 33014 | 147 | | |
| 1989 098F | | 20372 | USSR | 15 DEC | 613.8 | 46.7 | 34952 | 142 | | |
| 1989 100A | COSMOS 2053 | 20389 | USSR | 27 DEC | 94.5 | 73.5 | 501 | 484 | | |
| 1989 100B | | 20390 | USSR | 27 DEC | 94.8 | 73.5 | 521 | 498 | | |
| 1989 100B - 100AE | | | USSR | 27 DEC | SEE NOTE | | 51* | | | 51* |
| 1989 101A | COSMOS 2054 | 20391 | USSR | 27 DEC | 1436.1 | 0.4 | 35797 | 35775 | | |
| 1989 101D | | 20394 | USSR | 27 DEC | 1465.7 | 0.4 | 36413 | 36314 | | |
| 1989 101E | | 20399 | USSR | 27 DEC | 491.0 | 46.6 | 29261 | 214 | | |
| 1989 101F | | 20400 | USSR | 27 DEC | 335.6 | 45.2 | 19021 | 214 | | |
| 1990 LAUNCHES | | | | | | | | | | |
| 1990 001A | SKYNET 4A | 20401 | UK | 1 JAN | 1436.2 | 2.6 | 35792 | 35783 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1990 LAUNCHES (CONT.) | | | | | | | | | | |
| 1990 001B | JCSAT | 20402 | JAPAN | 1 JAN | 1436.2 | 0.0 | 35796 | 35779 | | |
| 1990 001D | | 20404 | US | 1 JAN | 610.7 | 21.3 | 34637 | 295 | | |
| 1990 001F | | 20406 | US | 1 JAN | 335.2 | 26.7 | 18928 | 282 | | |
| 1990 002B | LEASAT 5 | 20410 | US | 9 JAN | 1436.1 | 2.9 | 35808 | 35766 | | |
| 1990 002C | | 20411 | US | 9 JAN | 273.4 | 27.2 | 14824 | 327 | | |
| 1990 004A | COSMOS 2056 | 20432 | USSR | 18 JAN | 100.6 | 74.0 | 805 | 772 | | |
| 1990 004B | | 20433 | USSR | 18 JAN | 100.5 | 74.0 | 808 | 757 | | |
| 1990 004C | | 20434 | USSR | 18 JAN | 100.9 | 74.0 | 817 | 788 | | |
| 1990 004D | | 20435 | USSR | 18 JAN | 100.5 | 74.0 | 797 | 763 | | |
| 1990 005A | SPOT-2 | 20436 | FRANCE | 22 JAN | 101.3 | 98.7 | 822 | 821 | | |
| 1990 005B | OSCAR 14 | 20437 | UK | 22 JAN | 100.7 | 98.7 | 800 | 783 | | |
| 1990 005C | OSCAR 15 | 20438 | UK | 22 JAN | 100.7 | 98.7 | 800 | 785 | | |
| 1990 005D | OSCAR 16 | 20439 | US | 22 JAN | 100.7 | 98.7 | 800 | 783 | | |
| 1990 005E | OSCAR 17 | 20440 | BRAZIL | 22 JAN | 100.7 | 98.7 | 800 | 782 | | |
| 1990 005F | OSCAR 18 | 20441 | US | 22 JAN | 100.7 | 98.7 | 900 | 781 | | |
| 1990 005G | OSCAR 19 | 20442 | ARGNT | 22 JAN | 100.7 | 98.7 | 800 | 781 | | |
| 1990 005H | | 20443 | ESA | 22 JAN | 100.6 | 98.6 | 794 | 777 | | |
| 1990 006A | MOLNIYA 3 | 20444 | USSR | 23 JAN | 717.5 | 63.6 | 39935 | 407 | | |
| 1990 006C | | 20446 | USSR | 23 JAN | 697.3 | 63.6 | 38911 | 428 | | |
| 1990 007A | MUSES A | 20448 | JAPAN | 24 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 007B | HAGOROMO | 20618 | JAPAN | 24 JAN | SELENOCENTRIC ORBIT | | | | | |
| 1990 007D | | 20451 | JAPAN | 24 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 008A | | 20452 | US | 24 JAN | 718.0 | 54.4 | 20305 | 20060 | | |
| 1990 008B | | 20453 | US | 24 JAN | 102.2 | 35.6 | 1270 | 450 | | |
| 1990 008C | | 20450 | US | | 275.7 | 37.7 | 15108 | 197 | | |
| 1990 010A | COSMOS 2058 | 20465 | USSR | 30 JAN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 010B | | 20466 | USSR | 30 JAN | 97.6 | 82.5 | 658 | 626 | | |
| 1990 011A | PRC-26 | 20473 | PRC | 4 FEB | 1436.2 | 0.1 | 35792 | 35785 | | |
| 1990 011B | | 20474 | PRC | 4 FEB | 618.7 | 30.0 | 35069 | 276 | | |
| 1990 013A | MOS 18 | 20478 | JAPAN | 7 FEB | 103.2 | 99.2 | 909 | 908 | | |
| 1990 013B | DEBUT | 20479 | JAPAN | 7 FEB | 112.2 | 99.0 | 1743 | 909 | | |
| 1990 013C | JAS 1-B | 20480 | JAPAN | 7 FEB | 112.2 | 99.0 | 1743 | 908 | | |
| 1990 013D | | 20491 | JAPAN | 7 FEB | 110.5 | 99.0 | 1607 | 889 | | |
| 1990 015A | | 20496 | US | 14 FEB | 95.0 | 43.1 | 532 | 507 | | |
| 1990 015B | | 20497 | US | 14 FEB | 93.1 | 43.1 | 441 | 416 | | |
| 1990 016A | RADUGA 25 | 20499 | USSR | 15 FEB | 1436.2 | 0.5 | 35799 | 35776 | | |
| 1990 016D | | 20502 | USSR | 15 FEB | 1439.9 | 0.5 | 36028 | 35692 | | |
| 1990 016E | | 20506 | USSR | 15 FEB | 568.7 | 46.7 | 32590 | 128 | | |
| 1990 016F | | 20507 | USSR | 15 FEB | 491.2 | 46.6 | 28263 | 224 | | |
| 1990 017A | NADEZHDA-2 | 20508 | USSR | 27 FEB | 104.8 | 83.0 | 1016 | 952 | | |
| 1990 017B | | 20509 | USSR | 27 FEB | 104.7 | 82.9 | 1010 | 949 | | |
| 1990 018A | OKEAN-2 | 20510 | USSR | 28 FEB | 97.6 | 82.5 | 657 | 628 | | |
| 1990 018B | | 20511 | USSR | 28 FEB | 97.6 | 82.5 | 660 | 630 | | |
| 1990 019B | | 20516 | US | 28 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 019C | | 20517 | US | 28 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 019D | | 20518 | US | 28 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 019E | | 20519 | US | 28 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 019F | | 20520 | US | 28 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 019G | | 20521 | US | 28 FEB | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 021A | INTELSAT-6 | 20523 | ITSO | 14 MAR | 95.9 | 28.3 | 570 | 549 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1990 LAUNCHES (CONT.) | | | | | | | | | | |
| 1990 022A | COSMOS 2060 | 20525 | USSR | 14 MAR | 92.8 | 65.0 | 416 | 402 | | |
| 1990 023A | COSMOS 2061 | 20527 | USSR | 20 MAR | 104.9 | 82.9 | 1014 | 969 | | |
| 1990 023B | | 20528 | USSR | 20 MAR | 104.8 | 82.9 | 1004 | 969 | | |
| 1990 025A | | 20533 | US | 26 MAR | 718.0 | 55.2 | 20274 | 20089 | | |
| 1990 025C | | 20535 | US | 26 MAR | 243.4 | 37.5 | 12901 | 169 | | |
| 1990 026A | COSMOS 2063 | 20536 | USSR | 27 MAR | 717.6 | 63.8 | 39480 | 866 | | |
| 1990 026D | | 20539 | USSR | 27 MAR | 709.3 | 64.2 | 39062 | 872 | | |
| 1990 028A | PEGSAT | 20546 | US | 5 APR | 95.4 | 94.1 | 629 | 446 | | |
| 1990 028B | | 20547 | US | 5 APR | 96.1 | 94.2 | 659 | 484 | | |
| 1990 029A | COSMOS 2064 | 20549 | USSR | 6 APR | 115.4 | 74.0 | 1487 | 1461 | | |
| 1990 029B | COSMOS 2065 | 20550 | USSR | 6 APR | 115.2 | 74.0 | 1472 | 1460 | | |
| 1990 029C | COSMOS 2066 | 20551 | USSR | 6 APR | 114.3 | 74.0 | 1461 | 1383 | | |
| 1990 029D | COSMOS 2067 | 20552 | USSR | 6 APR | 114.4 | 74.0 | 1461 | 1398 | | |
| 1990 029E | COSMOS 2068 | 20553 | USSR | 6 APR | 114.6 | 74.0 | 1461 | 1412 | | |
| 1990 029F | COSMOS 2069 | 20554 | USSR | 6 APR | 114.8 | 74.0 | 1461 | 1426 | | |
| 1990 029G | COSMOS 2070 | 20555 | USSR | 6 APR | 114.9 | 74.0 | 1462 | 1440 | | |
| 1990 029H | COSMOS 2071 | 20556 | USSR | 6 APR | 115.1 | 74.0 | 1461 | 1456 | | |
| 1990 029J | | 20557 | USSR | 6 APR | 117.7 | 74.0 | 1696 | 1461 | | |
| 1990 030A | ASIASAT 1 | 20558 | UK | 7 APR | 1436.2 | 0.1 | 35792 | 35785 | | |
| 1990 030B | | 20559 | PRC | 7 APR | 630.6 | 30.8 | 35737 | 227 | | |
| 1990 031A | | 20560 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031B | | 20561 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031C | | 20562 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031D | | 20563 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031E | | 20564 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031F | | 20565 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031G | | 20575 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 031H | | 20576 | US | 11 APR | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 034A | PALAPA B2R | 20570 | INDO | 13 APR | 1436.2 | 0.1 | 35792 | 35786 | | |
| 1990 034B | | 20571 | US | 13 APR | 104.1 | 22.8 | 1401 | 501 | | |
| 1990 034C | | 20572 | US | 13 APR | 510.3 | 18.2 | 29362 | 188 | | |
| 1990 036A | COSMOS 2074 | 20577 | USSR | 20 APR | 104.9 | 82.9 | 1004 | 961 | | |
| 1990 036B | | 20578 | USSR | 20 APR | 104.7 | 82.9 | 993 | 963 | | |
| 1990 037B | HST | 20580 | US | 24 APR | 96.9 | 28.5 | 615 | 607 | | |
| 1990 038A | COSMOS 2075 | 20581 | USSR | 25 APR | 93.6 | 74.0 | 463 | 435 | | |
| 1990 038B | | 20582 | USSR | 25 APR | 93.4 | 74.0 | 457 | 421 | | |
| 1990 039A | MOLNIYA 1-77 | 20583 | USSR | 25 APR | 720.5 | 62.9 | 39577 | 913 | | |
| 1990 039D | | 20586 | USSR | 26 APR | 733.0 | 62.9 | 40198 | 906 | | |
| 1990 040A | COSMOS 2076 | 20596 | USSR | 28 APR | 717.8 | 63.1 | 39586 | 770 | | |
| 1990 040D | | 20599 | USSR | 28 APR | 707.6 | 63.7 | 39084 | 767 | | |
| 1990 043A | SCOUT M-1 | 20607 | US | 9 MAY | 98.4 | 89.9 | 762 | 606 | | |
| 1990 043B | | 20608 | US | 9 MAY | 98.4 | 89.9 | 760 | 606 | | |
| 1990 043C | | 20609 | US | 9 MAY | 98.3 | 89.9 | 753 | 601 | | |
| 1990 043D | | 20610 | US | 9 MAY | 98.2 | 89.9 | 752 | 592 | | |
| 1990 043E | | 20611 | US | 9 MAY | 98.1 | 89.9 | 747 | 590 | | |
| 1990 043F | | 20612 | US | 9 MAY | 98.0 | 89.9 | 732 | 597 | | |
| 1990 043G | | 20613 | US | 9 MAY | 97.3 | 89.9 | 689 | 568 | | |
| 1990 043H | | 20614 | US | 9 MAY | 98.0 | 89.9 | 729 | 597 | | |
| 1990 043J | | 20634 | US | 9 MAY | 97.5 | 89.9 | 707 | 575 | | |
| 1990 043K | | 20651 | US | 9 MAY | 98.7 | 90.1 | 818 | 576 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1990 LAUNCHES (CONT.) | | | | | | | | | | |
| 1990 043L | | 20759 | US | 9 MAY | 97.4 | 89.7 | 673 | 595 | | |
| 1990 045A | COSMOS 2079 | 20619 | USSR | 19 MAY | 675.7 | 65.1 | 19185 | 19073 | | |
| 1990 045B | COSMOS 2080 | 20620 | USSR | 19 MAY | 675.7 | 65.1 | 19150 | 19108 | | |
| 1990 045C | COSMOS 2081 | 20621 | USSR | 19 MAY | 675.7 | 65.1 | 19160 | 19097 | | |
| 1990 045E | | 20623 | USSR | 19 MAY | 674.7 | 65.1 | 19155 | 19053 | | |
| 1990 045F | | 20630 | USSR | 19 MAY | 339.8 | 65.0 | 19078 | 427 | | |
| 1990 045G | | 20631 | USSR | 19 MAY | 339.8 | 64.9 | 19078 | 427 | | |
| 1990 046A | COSMOS 2082 | 20624 | USSR | 22 MAY | 101.9 | 71.0 | 855 | 841 | | |
| 1990 046B | | 20625 | USSR | 22 MAY | 101.8 | 71.0 | 857 | 833 | | |
| 1990 046C | | 20626 | USSR | 22 MAY | 105.1 | 71.0 | 1154 | 842 | | |
| 1990 046D | | 20627 | USSR | 22 MAY | 105.2 | 71.0 | 1165 | 843 | | |
| 1990 046E | | 20628 | USSR | 22 MAY | 105.1 | 71.0 | 1158 | 841 | | |
| 1990 046F | | 20629 | USSR | 22 MAY | 105.0 | 71.0 | 1143 | 843 | | |
| 1990 048A | KRISTALL | 20635 | USSR | 31 MAY | 91.9 | 51.6 | 379 | 361 | | |
| 1990 049A | ROSAT | 20638 | FRG | 1 JUN | 96.0 | 53.0 | 576 | 555 | | |
| 1990 049B | | 20639 | US | 1 JUN | 93.7 | 52.5 | 493 | 419 | | |
| 1990 050A | | 20641 | US | 8 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 050B | | 20682 | US | 8 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 050C | | 20691 | US | 8 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 050D | | 20692 | US | 8 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 050E | | 20642 | US | 8 JUN | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 051A | INSAT-1D | 20643 | INDIA | 12 JUN | 1436.1 | 0.0 | 35802 | 35772 | | |
| 1990 051C | | 20645 | US | 12 JUN | 703.0 | 27.2 | 39517 | 103 | | |
| 1990 052A | MOLNIYA 3-38 | 20646 | USSR | 13 JUN | 717.7 | 62.9 | 39505 | 847 | | |
| 1990 052D | | 20649 | USSR | 13 JUN | 733.7 | 62.9 | 40278 | 857 | | |
| 1990 054A | GORIZONT 20 | 20659 | USSR | 20 JUN | 1436.2 | 0.8 | 35817 | 35759 | | |
| 1990 054D | | 20662 | USSR | 20 JUN | 1433.0 | 0.8 | 35792 | 35658 | | |
| 1990 054E | | 20704 | USSR | 20 JUN | 574.8 | 46.5 | 32898 | 143 | | |
| 1990 054F | | 20711 | USSR | 20 JUN | 593.0 | 46.6 | 33868 | 135 | | |
| 1990 055A | COSMOS 2084 | 20663 | USSR | 21 JUN | 98.0 | 62.8 | 773 | 554 | | |
| 1990 055D | | 20665 | USSR | 21 JUN | 97.9 | 62.8 | 762 | 550 | | |
| 1990 056A | INTELSAT | 20667 | ITSO | 23 JUN | 1436.2 | 0.0 | 35790 | 35785 | | |
| 1990 056C | | 20669 | US | 23 JUN | 675.4 | 24.0 | 37872 | 373 | | |
| 1990 057A | METEOR 2-19 | 20670 | USSR | 27 JUN | 104.0 | 82.5 | 958 | 935 | | |
| 1990 057B | | 20671 | USSR | 27 JUN | 104.0 | 82.5 | 956 | 935 | | |
| 1990 058A | GAMMA | 20683 | USSR | 11 JUL | 92.7 | 51.6 | 411 | 407 | | |
| 1990 061A | COSMOS 2085 | 20693 | USSR | 18 JUL | 1436.1 | 0.8 | 35810 | 35763 | | |
| 1990 061D | | 20696 | USSR | 18 JUL | 1436.3 | 0.9 | 35931 | 35650 | | |
| 1990 061E | | 20697 | USSR | 18 JUL | 596.7 | 46.6 | 34059 | 138 | | |
| 1990 061F | | 20698 | USSR | 18 JUL | 607.6 | 46.5 | 34614 | 156 | | |
| 1990 063A | TDF-2 | 20705 | FRANCE | 24 JUL | 1436.2 | 0.1 | 35791 | 35784 | | |
| 1990 063B | DFS-2 | 20706 | FRG | 24 JUL | 1436.1 | 0.0 | 35799 | 35773 | | |
| 1990 063C | | 20717 | ESA | 24 JUL | 637.6 | 4.2 | 35927 | 396 | | |
| 1990 063D | | 20718 | ESA | 24 JUL | 608.8 | 4.8 | 34485 | 345 | | |
| 1990 064A | COSMOS 2087 | 20707 | USSR | 25 JUL | 717.9 | 62.9 | 39294 | 1064 | | |
| 1990 064D | | 20710 | USSR | 25 JUL | 704.0 | 63.0 | 38623 | 1047 | | |
| 1990 065A | CRRES | 20712 | US | 25 JUL | 590.2 | 18.0 | 33503 | 357 | | |
| 1990 065B | | 20713 | US | 25 JUL | 587.6 | 17.9 | 33395 | 327 | | |
| 1990 065C | | 20811 | US | 25 JUL | 578.0 | 18.0 | 32886 | 329 | | |
| 1990 066A | COSMOS 2088 | 20720 | USSR | 30 JUL | 116.0 | 73.6 | 1522 | 1481 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1990 LAUNCHES (CONT.) | | | | | | | | | | |
| 1990 066B | | 20721 | USSR | 30 JUL | 116.0 | 73.6 | 1519 | 1481 | | |
| 1990 068A | | 20724 | US | 2 AUG | 718.0 | 54.7 | 20438 | 19926 | | |
| 1990 070A | COSMOS 2090 | 20735 | USSR | 8 AUG | 113.8 | 82.6 | 1411 | 1388 | | |
| 1990 070B | COSMOS 2091 | 20736 | USSR | 8 AUG | 114.0 | 82.6 | 1412 | 1409 | | |
| 1990 070C | COSMOS 2092 | 20737 | USSR | 8 AUG | 114.0 | 82.6 | 1411 | 1404 | | |
| 1990 070D | COSMOS 2093 | 20738 | USSR | 8 AUG | 113.9 | 82.6 | 1411 | 1397 | | |
| 1990 070E | COSMOS 2094 | 20739 | USSR | 8 AUG | 113.8 | 82.6 | 1410 | 1393 | | |
| 1990 070F | COSMOS 2095 | 20740 | USSR | 8 AUG | 113.7 | 82.6 | 1411 | 1381 | | |
| 1990 070G | | 20741 | USSR | 8 AUG | 114.6 | 82.6 | 1466 | 1410 | | |
| 1990 071A | MOLNIYA 1-7H | 20742 | USSR | 10 AUG | 717.7 | 62.9 | 39351 | 998 | | |
| 1990 071D | | 20745 | USSR | 10 AUG | 732.6 | 62.9 | 40082 | 1002 | | |
| 1990 074A | BSB-R2 | 20762 | UK | 18 AUG | 1436.2 | 0.0 | 35795 | 35781 | | |
| 1990 074B | | 20763 | US | 18 AUG | 102.7 | 24.8 | 1292 | 478 | | |
| 1990 074C | | 20764 | US | 18 AUG | 672.0 | 20.9 | 37663 | 410 | | |
| 1990 075A | COSMOS 2096 | 20765 | USSR | 23 AUG | 92.8 | 65.0 | 416 | 402 | | |
| 1990 076A | COSMOS 2097 | 20767 | USSR | 28 AUG | 717.6 | 63.8 | 39571 | 775 | | |
| 1990 076D | | 20770 | USSR | 28 AUG | 707.9 | 63.8 | 39114 | 751 | | |
| 1990 077A | BS-3A | 20771 | JAPAN | 29 AUG | 1436.2 | 0.1 | 35799 | 35777 | | |
| 1990 077C | | 20773 | JAPAN | 29 AUG | 586.3 | 28.9 | 33547 | 104 | | |
| 1990 078A | COSMOS 2098 | 20774 | USSR | 28 AUG | 108.8 | 83.0 | 1945 | 395 | | |
| 1990 078B | | 20775 | USSR | 28 AUG | 108.5 | 83.0 | 1934 | 379 | | |
| 1990 079A | SKYNET 4C | 20776 | UK | 30 AUG | 1436.1 | 4.0 | 35790 | 35783 | | |
| 1990 079B | EUTELSAT II F1 | 20777 | ESA | 30 AUG | 1389.5 | 0.5 | 36966 | 32772 | | |
| 1990 079C | | 20778 | ESA | 30 AUG | 593.9 | 7.4 | 33871 | 179 | | |
| 1990 079D | | 20781 | ESA | 30 AUG | 534.2 | 7.3 | 30675 | 188 | | |
| 1990 081A | FENGYUN 1-2 | 20788 | PRC | 3 SEP | 102.7 | 98.9 | 898 | 876 | | |
| 1990 081C | PRC 32 | 20790 | PRC | 3 SEP | 100.2 | 99.0 | 781 | 754 | | |
| 1990 081D | | 20791 | PRC | 3 SEP | 103.4 | 98.9 | 960 | 881 | | |
| 1990 081D - 081CG | | | PRC | 3 SEP | SEE NOTE | | 52* | | | 52* |
| 1990 081E | | 20792 | PRC | 3 SEP | 102.6 | 98.9 | 895 | 867 | | |
| 1990 081F | | 20793 | PRC | 3 SEP | 102.6 | 98.9 | 894 | 871 | | |
| 1990 081G | | 20797 | PRC | 3 SEP | 102.6 | 98.9 | 890 | 877 | | |
| 1990 081H | | 20798 | PRC | 3 SEP | 102.6 | 98.9 | 891 | 873 | | |
| 1990 081J | | 20846 | PRC | 3 SEP | 106.0 | 99.0 | 1204 | 877 | | |
| 1990 081K | | 20847 | PRC | 3 SEP | 101.7 | 98.9 | 877 | 801 | | |
| 1990 081L | | 20848 | PRC | 3 SEP | 105.6 | 98.9 | 1202 | 842 | | |
| 1990 081M | | 20849 | PRC | 3 SEP | 103.3 | 98.9 | 949 | 874 | | |
| 1990 081N | | 20850 | PRC | 3 SEP | 101.3 | 98.9 | 882 | 761 | | |
| 1990 083A | COSMOS 2100 | 20804 | USSR | 14 SEP | 104.8 | 82.9 | 1012 | 955 | | |
| 1990 083B | | 20805 | USSR | 14 SEP | 104.7 | 82.9 | 1005 | 951 | | |
| 1990 084A | MOLNIYA 3-39 | 20813 | USSR | 20 SEP | 717.8 | 62.9 | 39595 | 760 | | |
| 1990 084D | | 20816 | USSR | 20 SEP | 731.7 | 62.9 | 40272 | 765 | | |
| 1990 086A | METEOR 2-20 | 20826 | USSR | 28 SEP | 104.0 | 82.5 | 960 | 938 | | |
| 1990 086B | | 20827 | USSR | 28 SEP | 104.0 | 82.5 | 958 | 938 | | |
| 1990 088A | | 20830 | US | 1 OCT | 718.0 | 54.9 | 20379 | 19984 | | |
| 1990 088C | | 20832 | US | 1 OCT | 210.2 | 37.6 | 10528 | 133 | | |
| 1990 090B | ULYSSES | 20842 | US | 6 OCT | HELIOCENTRIC ORBIT | | | | | |
| 1990 090C | | 20843 | US | 6 OCT | 561.8 | 28.4 | 32029 | 320 | | |
| 1990 090D | | 20844 | US | 6 OCT | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 090E | | 20845 | US | 6 OCT | ELEMENTS NOT AVAILABLE | | | | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1990 LAUNCHES (CONT.) | | | | | | | | | | |
| 1990 091A | SBS-6 | 20872 | US | 12 OCT | 1436.1 | 0.0 | 35799 | 35776 | | |
| 1990 091B | GALAXY VI | 20873 | US | 12 OCT | 1436.2 | 0.0 | 35795 | 35780 | | |
| 1990 091C | | 20874 | ESA | 12 OCT | 646.1 | 7.3 | 36519 | 240 | | |
| 1990 091D | | 20875 | ESA | 12 OCT | 555.9 | 7.0 | 31860 | 176 | | |
| 1990 093A | INMARSAT 2 F1 | 20918 | UK | 30 OCT | 1436.1 | 2.4 | 35863 | 35710 | | |
| 1990 093B | | 20919 | US | 30 OCT | 100.0 | 24.8 | 1132 | 380 | | |
| 1990 093C | | 20920 | US | 30 OCT | 612.1 | 23.2 | 34873 | 129 | | |
| 1990 094A | GORIZONT 21 | 20923 | USSR | 3 NOV | 1436.1 | 1.0 | 35792 | 35779 | | |
| 1990 094D | | 20926 | USSR | 3 NOV | 1427.6 | 1.1 | 35850 | 35391 | | |
| 1990 094E | | 20927 | USSR | 3 NOV | 625.7 | 46.7 | 35519 | 188 | | |
| 1990 094F | | 20928 | USSR | 3 NOV | 603.7 | 46.7 | 34425 | 143 | | |
| 1990 095A | | 20929 | US | 13 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 095C | | 20931 | US | 13 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 095D | | 20932 | US | 13 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 096A | COSMOS 2103 | 20933 | USSR | 14 NOV | 91.8 | 65.0 | 369 | 353 | | |
| 1990 097B | | 20963 | US | 15 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 097C | | 20964 | US | 15 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 097D | | 20965 | US | 15 NOV | ELEMENTS NOT AVAILABLE | | | | | |
| 1990 099A | COSMOS 2105 | 20941 | USSR | 20 NOV | 717.7 | 63.8 | 39666 | 684 | | |
| 1990 099D | | 20944 | USSR | 20 NOV | 707.5 | 63.7 | 39075 | 768 | | |
| 1990 100A | SATCOM I | 20945 | US | 20 NOV | 1436.1 | 0.0 | 35789 | 35783 | | |
| 1990 100B | GSTAR IV | 20946 | US | 20 NOV | 1436.1 | 0.0 | 35792 | 35780 | | |
| 1990 100C | | 20947 | ESA | 20 NOV | 630.1 | 7.0 | 35663 | 273 | | |
| 1990 100D | | 20948 | ESA | 20 NOV | 500.9 | 6.8 | 28824 | 207 | | |
| 1990 101A | MOLNIYA 1-79 | 20949 | USSR | 23 NOV | 720.5 | 63.2 | 39933 | 554 | | |
| 1990 101D | | 20952 | USSR | 23 NOV | 730.7 | 63.2 | 40433 | 556 | | |
| 1990 102A | GORIZONT 22 | 20953 | USSR | 23 NOV | 1436.0 | 1.1 | 35803 | 35765 | | |
| 1990 102D | | 21046 | USSR | 23 NOV | 1471.4 | 1.1 | 36570 | 36378 | | |
| 1990 102E | | 20957 | USSR | 23 NOV | 632.8 | 46.7 | 35913 | 159 | | |
| 1990 102F | | 20958 | USSR | 23 NOV | 632.9 | 46.7 | 35920 | 161 | | |
| 1990 103A | | 20959 | US | 26 NOV | 718.0 | 55.0 | 20302 | 20061 | | |
| 1990 103B | | 20960 | US | 26 NOV | 96.8 | 21.4 | 709 | 502 | | |
| 1990 103C | | 20961 | US | 26 NOV | 315.4 | 34.6 | 17787 | 156 | | |
| 1990 104A | COSMOS 2106 | 20966 | USSR | 28 NOV | 94.9 | 82.5 | 525 | 504 | | |
| 1990 104B | | 20967 | USSR | 28 NOV | 95.0 | 82.5 | 529 | 509 | | |
| 1990 104G | | 21069 | USSR | 28 NOV | 92.8 | 82.5 | 423 | 399 | | |
| 1990 105A | | 20978 | US | 1 DEC | 100.6 | 98.8 | 843 | 728 | | |
| 1990 105B | | 20979 | US | 1 DEC | 100.0 | 98.8 | 817 | 698 | | |
| 1990 105B - 105AC | | | US | 1 DEC | SEE NOTE | | 53* | | | 53* |
| 1990 105D | | 20984 | US | 1 DEC | 97.9 | 98.9 | 793 | 521 | | |
| 1990 105F | | 20988 | US | 1 DEC | 96.7 | 98.8 | 680 | 524 | | |
| 1990 105J | | 20991 | US | 1 DEC | 96.3 | 98.9 | 718 | 442 | | |
| 1990 105L | | 20993 | US | 1 DEC | 97.6 | 98.8 | 724 | 565 | | |
| 1990 105M | | 20998 | US | 1 DEC | 96.4 | 98.9 | 675 | 496 | | |
| 1990 107A | SOYUZ TM 11 | 20981 | USSR | 2 DEC | 91.9 | 51.6 | 379 | 360 | | |
| 1990 108A | COSMOS 2107 | 20985 | USSR | 4 DEC | 92.7 | 65.0 | 415 | 402 | | |
| 1990 110A | COSMOS 2109 | 21006 | USSR | 8 DEC | 675.7 | 64.8 | 19287 | 18971 | | |
| 1990 110B | COSMOS 2110 | 21007 | USSR | 8 DEC | 675.7 | 64.9 | 19229 | 19029 | | |
| 1990 110C | COSMOS 2111 | 21008 | USSR | 8 DEC | 675.7 | 64.8 | 19157 | 19101 | | |
| 1990 110F | | 21011 | USSR | 8 DEC | 675.2 | 64.9 | 19237 | 18996 | | |

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | TRANSMITTING FREQ.(MHZ) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 1990 LAUNCHES (CONT.) | | | | | | | | | | |
| 1990 110G | | 21012 | USSR | 8 DEC | 340.3 | 64.9 | 19081 | 453 | | |
| 1990 110H | | 21013 | USSR | 8 DEC | 340.3 | 64.8 | 19081 | 453 | | |
| 1990 111A | COSMOS 2112 | 21014 | USSR | 10 DEC | 100.6 | 74.0 | 809 | 767 | | |
| 1990 111B | | 21015 | USSR | 10 DEC | 100.5 | 74.1 | 801 | 764 | | |
| 1990 112A | RADUGA 26 | 21016 | USSR | 20 DEC | 1436.1 | 1.2 | 35791 | 35781 | | |
| 1990 112D | | 21019 | USSR | 20 DEC | 1439.5 | 1.2 | 35957 | 35747 | | |
| 1990 112E | | 21024 | USSR | 21 DEC | 630.3 | 46.9 | 35740 | 208 | | |
| 1990 112F | | 21025 | USSR | 20 DEC | 634.8 | 46.9 | 35934 | 242 | | |
| 1990 113A | COSMOS 2113 | 21026 | USSR | 21 DEC | 89.7 | 64.7 | 279 | 243 | | |
| 1990 114A | COSMOS 2114 | 21028 | USSR | 22 DEC | 114.0 | 82.6 | 1411 | 1408 | | |
| 1990 114B | COSMOS 2115 | 21029 | USSR | 22 DEC | 113.9 | 82.6 | 1408 | 1405 | | |
| 1990 114C | COSMOS 2116 | 21030 | USSR | 22 DEC | 113.9 | 82.6 | 1408 | 1399 | | |
| 1990 114D | COSMOS 2117 | 21031 | USSR | 22 DEC | 113.8 | 82.6 | 1408 | 1393 | | |
| 1990 114E | COSMOS 2118 | 21032 | USSR | 22 DEC | 113.8 | 82.6 | 1408 | 1388 | | |
| 1990 114F | COSMOS 2119 | 21033 | USSR | 22 DEC | 113.7 | 82.6 | 1408 | 1382 | | |
| 1990 114G | | 21034 | USSR | 22 DEC | 114.6 | 82.6 | 1471 | 1407 | | |
| 1990 116A | RADUGA 1-2 | 21038 | USSR | 27 DEC | 1436.2 | 1.2 | 35812 | 35766 | | |
| 1990 116D | | 21041 | USSR | 27 DEC | 1470.2 | 1.3 | 36608 | 36296 | | |
| 1990 116E | | 21044 | USSR | 27 DEC | 645.4 | 47.2 | 36465 | 257 | | |
| 1990 116F | | 21045 | USSR | 27 DEC | 641.6 | 46.9 | 36328 | 199 | | |
| 1991 LAUNCHES | | | | | | | | | | |
| 1991 001A | NATO IVA | 21047 | NATO | 8 JAN | 1410.9 | 4.1 | 35664 | 34918 | | |
| 1991 001B | | 21048 | NATO | 8 JAN | 121.7 | 18.5 | 2724 | 786 | | |
| 1991 001C | | 21049 | NATO | 8 JAN | 635.9 | 25.5 | 35479 | 757 | | |
| 1991 003A | ITALSAT-1 | 21055 | ITALY | 15 JAN | 1436.1 | 0.1 | 35804 | 35768 | | |
| 1991 003B | EUTELSAT | 21056 | ESA | 15 JAN | 1436.1 | 0.0 | 35967 | 35605 | | |
| 1991 003C | | 21057 | ESA | 15 JAN | 630.7 | 6.6 | 35700 | 268 | | |
| 1991 003D | | 21058 | ESA | 15 JAN | 605.0 | 6.7 | 34376 | 256 | | |
| 1991 005A | COSMOS 2122 | 21065 | USSR | 18 JAN | 92.8 | 65.0 | 416 | 402 | | |
| 1991 005C | | 21067 | USSR | 18 JAN | 91.6 | 65.0 | 356 | 345 | | |
| 1991 006A | INFORMTR-1 | 21087 | USSR | 29 JAN | 104.7 | 82.9 | 1008 | 953 | | |
| 1991 006B | | 21088 | USSR | 29 JAN | 104.6 | 82.9 | 995 | 955 | | |
| 1991 007A | COSMOS 2123 | 21089 | USSR | 5 FEB | 104.8 | 82.9 | 1005 | 960 | | |
| 1991 007B | | 21090 | USSR | 5 FEB | 104.6 | 82.9 | 995 | 960 | | |
| 1991 007C | | 21091 | USSR | 5 FEB | 104.6 | 82.9 | 998 | 955 | | |
| 1991 008A | COSMOS 2124 | 21092 | USSR | 7 FEB | 89.6 | 62.8 | 333 | 173 | | |
| 1991 009A | COSMOS 2125 | 21100 | USSR | 12 FEB | 115.2 | 74.0 | 1470 | 1455 | | |
| 1991 009B | COSMOS 2126 | 21101 | USSR | 12 FEB | 115.5 | 74.0 | 1494 | 1464 | | |
| 1991 009C | COSMOS 2127 | 21102 | USSR | 12 FEB | 115.3 | 74.0 | 1476 | 1465 | | |
| 1991 009D | COSMOS 2128 | 21103 | USSR | 12 FEB | 115.0 | 74.0 | 1466 | 1443 | | |
| 1991 009E | COSMOS 2129 | 21104 | USSR | 12 FEB | 114.8 | 74.0 | 1466 | 1428 | | |
| 1991 009F | COSMOS 2130 | 21105 | USSR | 12 FEB | 114.5 | 74.0 | 1467 | 1399 | | |
| 1991 009G | COSMOS 2131 | 21106 | USSR | 12 FEB | 114.4 | 74.0 | 1466 | 1385 | | |
| 1991 009H | COSMOS 2132 | 21107 | USSR | 12 FEB | 114.7 | 74.0 | 1466 | 1414 | | |
| 1991 009J | | 21108 | USSR | 12 FEB | 118.2 | 74.1 | 1739 | 1457 | | |
| 1991 009J - 009BE | | | USSR | 12 FEB | SEE NOTE | | 54* | | | 54* |
| 1991 009K | | 21109 | USSR | 12 FEB | 118.2 | 74.0 | 1743 | 1459 | | |
| 1991 009L | | 21110 | USSR | 12 FEB | 119.4 | 74.0 | 1846 | 1463 | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1991 LAUNCHES (CONT.) | | | | | | | | | | |
| 1991 009M | | 21115 | USSR | 12 FEB | 118.4 | 74.0 | 1758 | 1461 | | |
| 1991 009N | | 21136 | USSR | 12 FEB | 120.4 | 74.0 | 1931 | 1461 | | |
| 1991 010A | COSMOS 2133 | 21111 | USSR | 14 FEB | 1436.2 | 2.2 | 35811 | 35765 | | |
| 1991 010D | | 21114 | USSR | 14 FEB | 634.2 | 47.2 | 35883 | 261 | | |
| 1991 010F | | 21129 | USSR | 14 FEB | 1438.6 | 2.2 | 35907 | 35763 | | |
| 1991 011A | COSMOS 2134 | 21116 | USSR | 15 FEB | 89.2 | 64.7 | 259 | 206 | | |
| 1991 012A | MOLNIYA 1-80 | 21118 | USSR | 15 FEB | 717.9 | 62.8 | 39902 | 455 | | |
| 1991 012D | | 21121 | USSR | 15 FEB | 700.6 | 62.8 | 39053 | 450 | | |
| 1991 012E | | 21122 | USSR | 15 FEB | 635.9 | 47.2 | 35918 | 317 | | |
| 1991 013A | COSMOS 2135 | 21130 | USSR | 26 FEB | 104.5 | 82.8 | 1017 | 921 | | |
| 1991 013B | | 21131 | USSR | 26 FEB | 104.4 | 82.8 | 1008 | 920 | | |
| 1991 014A | RADUGA 27 | 21132 | USSR | 28 FEB | 1436.5 | 1.4 | 35801 | 35786 | | |
| 1991 014D | | 21135 | USSR | 28 FEB | 1392.2 | 1.5 | 35031 | 34816 | | |
| 1991 014E | | 21201 | USSR | 28 FEB | 618.0 | 47.5 | 35033 | 279 | | |
| 1991 014F | | 21202 | USSR | 28 FEB | 615.8 | 47.4 | 34966 | 229 | | |
| 1991 015A | ASTRA 1-B | 21139 | LUXEM | 2 MAR | 1424.2 | 0.1 | 35637 | 35468 | | |
| 1991 015B | MOP-2 | 21140 | ESA | 2 MAR | 1435.8 | 1.1 | 35790 | 35771 | | |
| 1991 015C | | 21141 | ESA | 2 MAR | 636.4 | 7.0 | 36010 | 248 | | |
| 1991 015D | | 21142 | ESA | 2 MAR | 616.4 | 7.1 | 34980 | 248 | | |
| 1991 017A | | 21147 | US | 8 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1991 017B | | 21148 | US | 8 MAR | ELEMENTS NOT AVAILABLE | | | | | |
| 1991 018A | INMARSAT-2 | 21149 | UK | 8 MAR | 1436.3 | 2.7 | 35814 | 35767 | | |
| 1991 018B | | 21150 | US | 8 MAR | 100.7 | 25.0 | 1170 | 414 | | |
| 1991 018C | | 21151 | US | 8 MAR | 640.3 | 23.7 | 36238 | 221 | | |
| 1991 019A | NADEZHDA | 21152 | USSR | 12 MAR | 104.8 | 82.9 | 1014 | 954 | | |
| 1991 019B | | 21153 | USSR | 12 MAR | 104.7 | 82.9 | 1007 | 952 | | |
| 1991 020A | PROGRESS M-7 | 21188 | USSR | 19 MAR | 91.9 | 51.6 | 379 | 361 | | |
| 1991 021A | COSMOS 2137 | 21190 | USSR | 19 MAR | 94.0 | 65.8 | 491 | 443 | | |
| 1991 021B | | 21191 | USSR | 19 MAR | 93.8 | 65.8 | 485 | 439 | | |
| 1991 022A | MOLNIYA 3-40 | 21196 | USSR | 22 MAR | 717.7 | 62.9 | 39911 | 440 | | |
| 1991 022B | | 21197 | USSR | 22 MAR | 90.5 | 62.8 | 402 | 199 | | |
| 1991 022D | | 21199 | USSR | 22 MAR | 700.2 | 62.9 | 39005 | 478 | | |
| 1991 023A | COSMOS 2138 | 21203 | USSR | 26 MAR | 89.3 | 67.1 | 302 | 175 | | |
| 1991 023B | | 21204 | USSR | 26 MAR | 84.7 | 67.1 | 30 | 12 | | |
| 1991 024A | ALMAZ-1 | 21213 | USSR | 30 MAR | 89.8 | 72.7 | 273 | 259 | | |
| 1991 024B | | 21214 | USSR | 30 MAR | 85.2 | 72.7 | 60 | 35 | | |

INITIAL ELEMENTS OF OBJECTS WHICH WERE LAUNCHED/CATALOGED AND DECAYED WITHIN THE REPORTING PERIOD

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | PERIOD MINUTES | INCLINATION | APOGEE KM. | PERIGEE KM. | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| 1990 115D | | 21061 | USSR | 26 DEC | 85.4 | 82.5 | 83 | 36 | |
| 1990 115E | | 21062 | USSR | 26 DEC | 87.8 | 82.5 | 200 | 159 | |
| 1990 115G | | 21068 | USSR | 26 DEC | 86.5 | 82.5 | 124 | 97 | |
| 1991 002B | | 21054 | USSR | 14 JAN | 85.5 | 51.6 | 72 | 55 | |
| 1991 004B | | 21060 | USSR | 17 JAN | 85.6 | 82.5 | 82 | 56 | |
| 1991 004D | | 21096 | USSR | 17 JAN | 85.0 | 82.5 | 59 | 21 | |
| 1991 004E | | 21097 | USSR | 17 JAN | 86.7 | 82.5 | 140 | 104 | |
| 1991 004F | | 21098 | USSR | 17 JAN | 85.0 | 82.5 | 44 | 25 | |
| 1991 004G | | 21099 | USSR | 17 JAN | INITIAL ELEMENTS NOT AVAILABLE | | | | |
| 1991 005B | | 21066 | USSR | 18 JAN | INITIAL ELEMENTS NOT AVAILABLE | | | | |
| 1991 008C | | 21094 | USSR | 7 FEB | 95.5 | 62.7 | 69 | 49 | |
| 1991 010B | | 21112 | USSR | 14 FEB | 86.3 | 51.6 | 114 | 97 | |
| 1991 010C | | 21113 | USSR | 14 FEB | 88.2 | 51.6 | 211 | 180 | |
| 1991 011B | | 21117 | USSR | 15 FEB | 85.9 | 64.7 | 91 | 69 | |
| 1991 011C | | 21123 | USSR | 15 FEB | 85.5 | 64.7 | 70 | 49 | |
| 1991 012B | | 21119 | USSR | 15 FEB | 89.9 | 62.8 | 344 | 190 | |
| 1991 012C | | 21120 | USSR | 15 FEB | 89.0 | 62.8 | 294 | 154 | |
| 1991 014C | | 21134 | USSR | 28 FEB | 88.3 | 51.6 | 209 | 189 | |
| 1991 016A | COSMOS 2136 | 21143 | USSR | 6 MAR | 89.0 | 62.8 | 250 | 203 | |
| 1991 016B | | 21144 | USSR | 6 MAR | 88.9 | 62.8 | 231 | 204 | |
| 1991 016C | | 21145 | USSR | 6 MAR | 85.7 | 62.8 | 80 | 58 | |
| 1991 016D | | 21146 | USSR | 6 MAR | 86.4 | 62.8 | 127 | 84 | |
| 1991 016E | | 21192 | USSR | 6 MAR | 87.0 | 62.8 | 151 | 123 | |
| 1991 016F | | 21193 | USSR | 6 MAR | 85.1 | 62.8 | 51 | 29 | |
| 1991 016G | | 21194 | USSR | 6 MAR | 86.6 | 62.8 | 125 | 103 | |
| 1991 016H | | 21195 | USSR | 6 MAR | 89.1 | 62.9 | 298 | 157 | |
| 1991 020B | | 21189 | USSR | 19 MAR | 87.3 | 51.6 | 165 | 145 | |
| 1991 022C | | 21198 | USSR | 22 MAR | 89.5 | 62.8 | 338 | 164 | |
| 1991 022E | | 21200 | USSR | 22 MAR | 90.4 | 62.8 | 397 | 190 | |

## OBJECTS DECAYED WITHIN THE REPORTING PERIOD

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | DECAY | NOTES |
|---|---|---|---|---|---|---|
| OMICRON 16 | | 539 | US | 29 JUN | 24 FEB 91 | |
| OMICRON 17 | | 550 | US | 29 JUN | 3 FEB 91 | |
| OMICRON 26 | | 14499 | US | 29 JUN | 20 MAR 91 | |
| 1965 027AG | | 18670 | US | 3 APR | 19 JAN 91 | |
| 1965 082N | | 1651 | US | 15 OCT | 27 JAN 91 | |
| 1965 082UP | | 19182 | US | 15 OCT | 8 FEB 91 | |
| 1968 049B | | 3283 | USSR | 12 JUN | 26 JAN 91 | |
| 1968 091Z | | 3607 | USSR | 20 OCT | 20 MAR 91 | |
| 1970 025JB | | 5027 | US | 8 APR | 17 JAN 91 | |
| 1970 025JV | | 5152 | US | 8 APR | 13 MAR 91 | |
| 1970 025LJ | | 5505 | US | 8 APR | 20 MAR 91 | |
| 1970 025LK | | 5506 | US | 8 APR | 28 MAR 91 | |
| 1970 025LP | | 5510 | US | 8 APR | 18 MAR 91 | |
| 1970 025LY | | 5693 | US | 8 APR | 29 MAR 91 | |
| 1971 015AU | | 5200 | USSR | 25 FEB | 13 FEB 91 | |
| 1971 015BJ | | 5325 | USSR | 25 FEB | 25 FEB 91 | |
| 1971 015BP | | 5434 | USSR | 25 FEB | 19 MAR 91 | |
| 1971 015CM | | 10398 | USSR | 25 FEB | 28 FEB 91 | |
| 1971 015DT | | 19829 | USSR | 25 FEB | 27 FEB 91 | |
| 1971 031A | METEOR | 5142 | USSR | 17 APR | 10 JAN 91 | |
| 1972 058L | | 7840 | US | 23 JUL | 16 MAR 91 | |
| 1972 058DJ | | 8083 | US | 23 JUL | 22 MAR 91 | |
| 1972 058FG | | 8390 | US | 23 JUL | 7 MAR 91 | |
| 1973 086CP | | 7125 | US | 6 NOV | 26 JAN 91 | |
| 1974 089BE | | 8297 | US | 15 NOV | 10 JAN 91 | |
| 1976 126P | | 9657 | USSR | 27 DEC | 6 JAN 91 | |
| 1976 126BH | | 9967 | USSR | 27 DEC | 5 MAR 91 | |
| 1977 065H | | 10179 | US | 14 JUL | 25 FEB 91 | |
| 1977 065BK | | 10232 | US | 14 JUL | 21 JAN 91 | |
| 1978 026BM | | 12220 | US | 5 MAR | 13 MAR 91 | |
| 1979 026HG | | 18679 | US | 5 MAR | 22 MAR 91 | |
| 1979 017AL | | 16083 | US | 24 FEB | 27 FEB 91 | |
| 1980 030W | | 12348 | USSR | 18 APR | 26 FEB 91 | |
| 1980 030AH | | 13925 | USSR | 18 APR | 10 MAR 91 | |
| 1980 030AP | | 13931 | USSR | 18 APR | 18 FEB 91 | |
| 1980 089AK | | 13340 | USSR | 4 NOV | 6 FEB 91 | |
| 1981 028BF | | 13689 | USSR | 20 MAR | 4 FEB 91 | |
| 1981 028BR | | 14221 | USSR | 20 MAR | 4 FEB 91 | |
| 1981 053AH | | 12689 | USSR | 4 JUN | 4 MAR 91 | |
| 1981 053EL | | 12965 | USSR | 4 JUN | 1 FEB 91 | |
| 1981 053EN | | 13015 | USSR | 4 JUN | 24 MAR 91 | |
| 1981 057E | | 14125 | ESA | 19 JUN | 17 JAN 91 | |
| 1981 100A | SME | 12887 | US | 6 OCT | 5 MAR 91 | |
| 1982 033A | SALYUT 7 | 13138 | USSR | 19 APR | 7 FEB 91 | |
| 1983 044AL | | 15719 | USSR | 7 MAY | 22 MAR 91 | |
| 1983 044DC | | 17739 | USSR | 7 MAY | 13 FEB 91 | |
| 1983 044EY | | 18812 | USSR | 7 MAY | 12 FEB 91 | |
| 1985 086A | COSMOS 1686 | 16095 | USSR | 27 SEP | 7 FEB 91 | |
| 1986 017CT | | 21050 | USSR | 19 FEB | 4 FEB 91 | |
| 1986 017CU | | 21051 | USSR | 19 FEB | 5 FEB 91 | |
| 1986 017CV | | 21082 | USSR | 19 FEB | 18 MAR 91 | |

## OBJECTS DECAYED WITHIN THE REPORTING PERIOD

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | DECAY | NOTES |
|---|---|---|---|---|---|---|
| 1986 017CW | | 21084 | USSR | 19 FEB | 5 MAR 91 | |
| 1986 017CX | | 21085 | USSR | 19 FEB | 1 MAR 91 | |
| 1986 017CY | | 21086 | USSR | 19 FEB | 24 FEB 91 | |
| 1986 019DN | | 17341 | ESA | 22 FEB | 1 JAN 91 | |
| 1986 019GF | | 17444 | ESA | 22 FEB | 3 FEB 91 | |
| 1986 019JP | | 17574 | ESA | 22 FEB | 2 MAR 91 | |
| 1986 019JU | | 17593 | ESA | 22 FEB | 15 FEB 91 | |
| 1986 019KN | | 17672 | ESA | 22 FEB | 25 FEB 91 | |
| 1986 019MC | | 17813 | ESA | 22 FEB | 15 FEB 91 | |
| 1986 019SF | | 18297 | ESA | 22 FEB | 26 MAR 91 | |
| 1986 019VD | | 19812 | ESA | 22 FEB | 11 FEB 91 | |
| 1986 083A | COSMOS 1789 | 17050 | USSR | 27 OCT | 21 JAN 91 | |
| 1987 020K | | 18732 | USSR | 20 FEB | 2 MAR 91 | |
| 1987 020S | | 18739 | USSR | 20 FEB | 18 FEB 91 | |
| 1987 020BH | | 19149 | USSR | 20 FEB | 17 FEB 91 | |
| 1987 020BR | | 19184 | USSR | 20 FEB | 1 FEB 91 | |
| 1987 020CW | | 19982 | USSR | 20 FEB | 28 MAR 91 | |
| 1987 020DA | | 20020 | USSR | 20 FEB | 17 JAN 91 | |
| 1987 020DL | | 20226 | USSR | 20 FEB | 17 FEB 91 | |
| 1989 027B | | 19920 | ESA | 2 APR | 19 FEB 91 | |
| 1989 045B | | 20065 | USSR | 14 JUN | 25 MAR 91 | |
| 1989 058A | COSMOS 2033 | 20147 | USSR | 24 JUL | 6 JAN 91 | |
| 1989 092A | COSMOS 2051 | 20334 | USSR | 24 NOV | 21 JAN 91 | |
| 1989 096B | | 20353 | USSR | 1 DEC | 9 MAR 91 | |
| 1989 100V | | 21020 | USSR | 31 DEC | 6 FEB 91 | |
| 1989 100X | | 21022 | USSR | 31 DEC | 7 FEB 91 | |
| 1989 100Y | | 21023 | USSR | 31 DEC | 8 FEB 91 | |
| 1989 100Z | | 21042 | USSR | 31 DEC | 12 FEB 91 | |
| 1989 100AA | | 21043 | USSR | 31 DEC | 12 FEB 91 | |
| 1989 100AB | | 21064 | USSR | 27 DEC | 12 FEB 91 | |
| 1990 068C | | 20726 | US | 2 AUG | 18 MAR 91 | |
| 1990 081B | PRC 31 | 20789 | PRC | 3 SEP | 11 MAR 91 | |
| 1990 081AB | | 20863 | PRC | 3 SEP | 10 JAN 91 | |
| 1990 081BZ | | 20916 | PRC | 3 SEP | 2 JAN 91 | |
| 1990 104C | | 20975 | USSR | 28 NOV | 21 FEB 91 | |
| 1990 104D | | 20976 | USSR | 28 NOV | 23 FEB 91 | |
| 1990 104E | | 20977 | USSR | 28 NOV | 6 MAR 91 | |
| 1990 104F | | 21070 | USSR | 28 NOV | 10 MAR 91 | |
| 1990 104H | | 21081 | USSR | 28 NOV | 10 MAR 91 | |
| 1990 105C | | 20983 | US | 1 DEC | 6 FEB 91 | |
| 1990 105E | | 20987 | US | 1 DEC | 23 FEB 91 | |
| 1990 105G | | 20989 | US | 1 DEC | 16 FEB 91 | |
| 1990 105H | | 20990 | US | 1 DEC | 10 JAN 91 | |
| 1990 105K | | 20992 | US | 1 DEC | 2 MAR 91 | |
| 1990 105N | | 20999 | US | 1 DEC | 2 FEB 91 | |
| 1990 105P | | 20997 | US | 1 DEC | 5 JAN 91 | |
| 1990 105R | | 21072 | US | 1 DEC | 18 MAR 91 | |
| 1990 105T | | 21074 | US | 1 DEC | 9 MAR 91 | |
| 1990 105U | | 21075 | US | 1 DEC | 9 FEB 91 | |
| 1990 105V | | 21076 | US | 1 DEC | 21 FEB 91 | |
| 1990 109A | COSMOS 2108 | 21000 | USSR | 4 DEC | 28 JAN 91 | |

## OBJECTS DECAYED WITHIN THE REPORTING PERIOD

| INTERNATIONAL DESIGNATION | NAME | CATALOG NUMBER | SOURCE | LAUNCH | DECAY | NOTES |
|---|---|---|---|---|---|---|
| 1990 115D | | 21061 | USSR | 26 DEC | 18 JAN 91 | |
| 1990 115E | | 21062 | USSR | 26 DEC | 19 JAN 91 | |
| 1990 115F | | 21063 | USSR | 26 DEC | 19 JAN 91 | |
| 1990 115G | | 21068 | USSR | 26 DEC | 21 JAN 91 | |
| 1991 002A | PROGRESS M6 | 21053 | USSR | 14 JAN | 15 MAR 91 | |
| 1991 002B | | 21054 | USSR | 14 JAN | 15 JAN 91 | |
| 1991 004A | COSMOS 2121 | 21059 | USSR | 17 JAN | 10 FEB 91 | |
| 1991 004B | | 21060 | USSR | 17 JAN | 19 JAN 91 | |
| 1991 004C | | 21095 | USSR | 17 JAN | 21 FEB 91 | |
| 1991 004D | | 21096 | USSR | 17 JAN | 12 FEB 91 | |
| 1991 004E | | 21097 | USSR | 17 JAN | 12 FEB 91 | |
| 1991 004F | | 21098 | USSR | 17 JAN | 14 FEB 91 | |
| 1991 004G | | 21099 | USSR | 17 JAN | 11 FEB 91 | |
| 1991 008B | | 21093 | USSR | 7 FEB | 11 FEB 91 | |
| 1991 008C | | 21094 | USSR | 7 FEB | 8 FEB 91 | |
| 1991 010B | | 21112 | USSR | 14 FEB | 16 FEB 91 | |
| 1991 010C | | 21113 | USSR | 14 FEB | 14 FEB 91 | |
| 1991 011B | | 21117 | USSR | 15 FEB | 19 FEB 91 | |
| 1991 011C | | 21123 | USSR | 15 FEB | 16 FEB 91 | |
| 1991 012B | | 21119 | USSR | 15 FEB | 26 FEB 91 | |
| 1991 012C | | 21120 | USSR | 15 FEB | 22 FEB 91 | |
| 1991 014B | | 21133 | USSR | 28 FEB | 2 MAR 91 | |
| 1991 014C | | 21134 | USSR | 28 FEB | 28 FEB 91 | |
| 1991 016A | COSMOS 2136 | 21143 | USSR | 6 MAR | 20 MAR 91 | |
| 1991 016B | | 21144 | USSR | 6 MAR | 17 MAR 91 | |
| 1991 016C | | 21145 | USSR | 6 MAR | 8 MAR 91 | |
| 1991 016D | | 21146 | USSR | 6 MAR | 9 MAR 91 | |
| 1991 016E | | 21192 | USSR | 6 MAR | 22 MAR 91 | |
| 1991 016F | | 21193 | USSR | 6 MAR | 24 MAR 91 | |
| 1991 016G | | 21194 | USSR | 6 MAR | 21 MAR 91 | |
| 1991 016H | | 21195 | USSR | 6 MAR | 22 MAR 91 | |
| 1991 020B | | 21189 | USSR | 19 MAR | 20 MAR 91 | |
| 1991 022C | | 21198 | USSR | 22 MAR | 28 MAR 91 | |
| 1991 022E | | 21200 | USSR | 22 MAR | 29 MAR 91 | |

FOOTNOTES

1* 297 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1961 OMICRON 1 AND 1961 OMICRON 2. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

2* 149 BJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1963 014A, 1963 014B, AND 1963 014C. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

3* 19 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1963 047A. THE OBJECT OF THIS SERIES THAT HAS DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

4* 28 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUCHED WITH 1964 006A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

5* 51 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1965 027A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

6* DEBRIS DISCOVERED IN ORBIT WHICH HAS NOT BEEN IDENTIFIED WITH ANY LAUNCH OR COUNTRY OF ORIGIN.

7* 472 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1965 082A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

8* 110 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1968 091A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

9* A MANNED SPACECRAFT WHICH SUCCESSFULLY LANDED ON THE MOON AND RETURNED TO SELENOCENTRIC ORBIT.

10* 138 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1968 097A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

11* 270 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1969 082A, 1969 082B, 1969 082C, 1969 082D, 1969 082E, 1969 082F, 1969 082G, 1969 082H, 1969 082J, AND 1969 082K. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

12* 368 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1970 025A AND 1970 025B. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

13* 103 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1970 089A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

14* DEBRIS DISCOVERED IN ORBIT WHICH HAS NOT BEEN IDENTIFIED WITH ANY LAUNCH.

FOOTNOTES (CONT)

15* 46 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1970 091A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

16* 120 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1971 015A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

17* 229 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1972 058A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

18* 198 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1973 086A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

19* 150 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1974 089A. 1974 089B, AND 1974 089C. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

20* 208 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1975 004A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

21* 71 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1976 067A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

22* 159 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1976 077A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

23* 14 OBJECT HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1976 105A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

24* 51 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1976 120A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

25* 79 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1976 126A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

26* 172 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1977 065A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

27* 70 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1977 121A. THE OBJECT OF THIS SERIES THAT HAS DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

FOOTNOTES (CONT)

28* 210 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1978 026A AND 1978 026B. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

29* 400 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1978 100A. 1978 100B. AND 1978 100C. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

30* 288 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1979 017A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

31* 47 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1980 030A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

32* 80 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1980 089A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMATY SATELLITE SITUATION REPORT.

33* 69 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1981 028A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

34* 305 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1981 053A OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

35* DEPLOYED FROM SPACE TRANSPORTATION VEHICLE.

36* 33 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1982 115A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

37* 59 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1982 055A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

38* 27 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1983 091A. OBJECTS OF THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

39* 164 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1983 044A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

40* 30 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1984 104A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

41* 46 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1984 083A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

FOOTNOTES (CONT)

42* 24 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1985 082A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

43* 25 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1985 030A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

44* 30 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1986 024A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

45* 499 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1986 019A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

46* 30 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1986 067A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

47* 96 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1986 017A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

48* 195 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1987 004A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

49* 112 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1987 020A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

50* 18 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1988 065A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

51* 29 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1989 100A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

52* 78 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1990 081A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

53* 26 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1990 105A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

54* 53 OBJECTS HAVE BEEN IDENTIFIED AS HAVING BEEN LAUNCHED WITH 1991 009A. OBJECTS IN THIS SERIES THAT HAVE DECAYED CAN BE FOUND IN THE DECAYED OBJECTS LIST IN THE DECEMBER 31 END-OF-THE-YEAR SUMMARY SATELLITE SITUATION REPORT.

FOOTNOTES (CONT)

NNN NO NATIONAL NAME